January 19, 2026

Langley Area, Eastside Aquifer, Forebay Aquifer, and Upper Valley Aquifer Subbasins
Monitoring Well Construction, Development, Testing, Sampling, & Equipping

Prepared for:

Salinas Valley Basin
Groundwater Sustainability Agency

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1 INTRODUCTION

Montgomery & Associates (M&A) has prepared this report on behalf of the Salinas Valley Basin Groundwater Sustainability Agency (SVBGSA) to summarize the drilling, construction, development, testing, and equipping of 13 monitoring wells installed in 2025 within 4 subbasins of the Salinas Valley Groundwater Basin. Monitoring wells L-GWL-1, L-GWL-4, ES-1A, ES-1B, ES-1C, ES-ISW-1, F-DA-1, F-ISW-1, F-ISW-2, F-ISW-3, UV-GWL-2, UV-GWL-3, and UV-ISW-2 were installed within the Langley Area (Langley), Eastside Aquifer (Eastside), Forebay Aquifer (Forebay), and Upper Valley Aquifer (Upper Valley) Subbasins. The wells were installed by SVBGSA to fill data gaps identified in the approved Langley Subbasin Groundwater Sustainability Plan (GSP), Eastside Subbasin GSP, Forebay Subbasin GSP, and the Upper Valley Subbasin GSP. Monitoring well installation activities were funded by the Department of Water Resources (DWR) Sustainable Groundwater Management Round 2 (SGM R2) Implementation Grant. This report summarizes the well installation activities that occurred from May 22, 2025, to January 15, 2026.

1.1 Background

The Langley, Eastside, Forebay, and Upper Valley Subbasins are located in the portion of the Salinas Valley Groundwater Basin within Monterey County and shown on Figure 1.

The GSP established monitoring well networks to assess groundwater levels and interconnected surface water in the Langley, Eastside, Forebay, and Upper Valley Subbasins. Based on GSP review, data gaps were identified within these networks. Since the GSPs were submitted, SVBGSA attempted to fill data gaps by adding existing wells to the monitoring network. SVBGSA previously installed 5 new monitoring wells in 2024 under the SGM R2 Implementation Grant and then re-evaluated the monitoring networks. Re-evaluation of the monitoring networks indicated additional wells were needed. Installation of new monitoring wells was recommended to address data gaps associated with the following:

- Areas with a low density of wells screened solely in the Deep Aquifers
- Areas where additional data are needed to improve understanding of groundwater conditions, prepare seasonal groundwater elevation contour maps, and demonstrate groundwater conditions at subbasin boundaries
- Areas where shallow groundwater may be interconnected with surface water along the Salinas River, the Arroyo Seco River, and Gabilan Creek

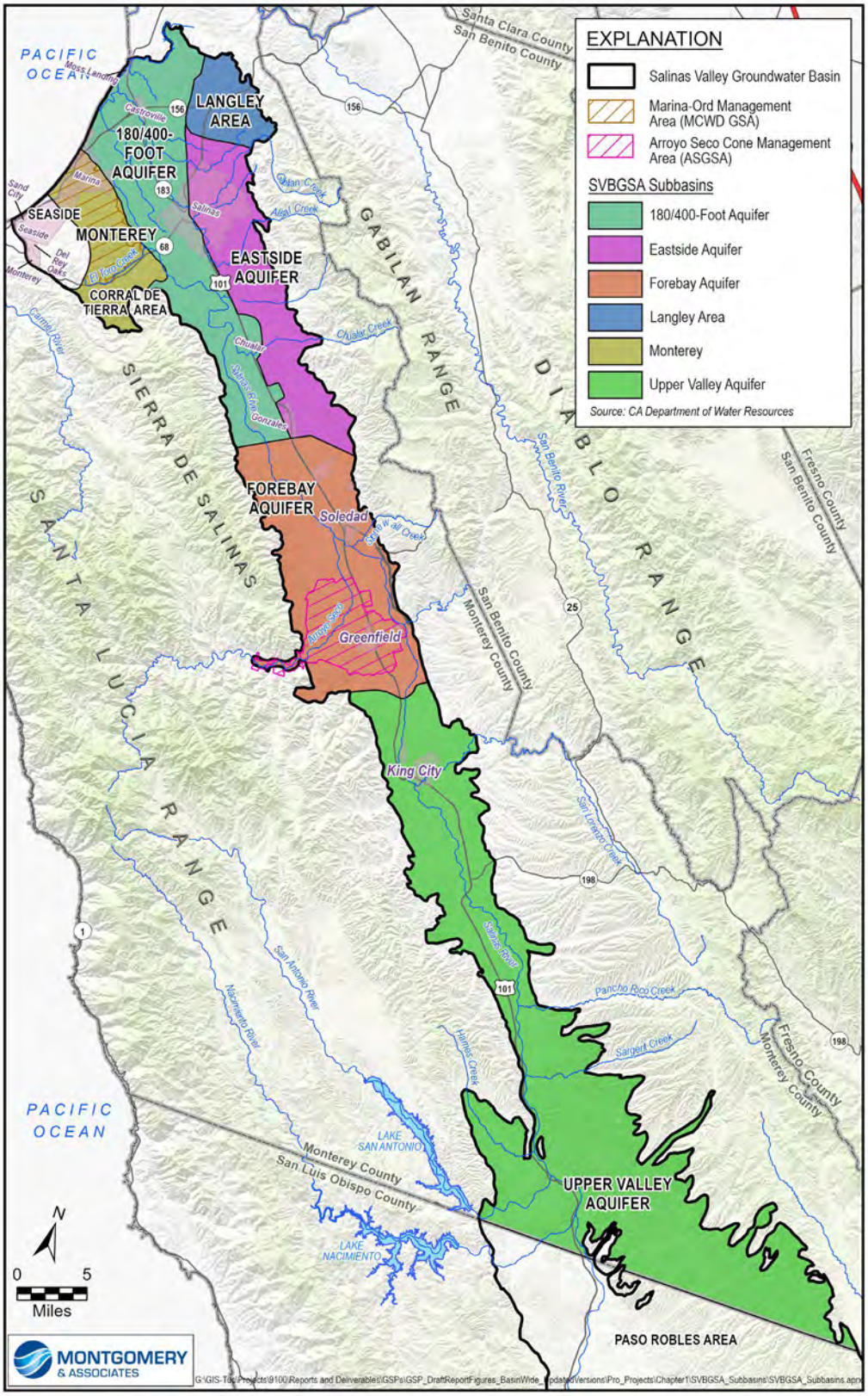

Figure 1. Salinas Valley Subbasin

1.2 Hydrogeologic Setting

The Langley, Eastside, Forebay, and Upper Valley Subbasins are shown on Figure 1. Hydrogeologic features of each subbasin are described below.

Langley Subbasin - The Aromas Red Sands are the primary water-bearing formation in the Langley Subbasin (SVBGSA, 2022a). Near the Gabilan Range, some existing wells are completed in the weathered or decomposed surface of the granite. Well yields in the weathered or decomposed granite are variable, with many well yields not going over 5 gallons per minute. In the *Hydrogeologic Conceptual Model Update* (M&A, 2025a), the weathered or decomposed granite is included as part of the principal aquifer because the bedrock surface is conceptualized as dipping downward more gradually from the surficial contacts at the Gabilan Range than previously thought.

Eastside Subbasin - The Eastside Subbasin's sole principal aquifer is made up of 2 generalized water-bearing zones that have been recognized within the alluvial fan aquifer system: the Eastside Shallow Zone and the Eastside Deep Zone (SVBGSA, 2022b). These designations of Shallow and Deep have not been identified as distinct aquifers by most investigators. They are only generalized zones of water-bearing sediments with time-correlated depositions that are somewhat hydraulically connected to the 180-Foot and 400-Foot Aquifers in the 180/400 Subbasin.

Forebay Subbasin - The Forebay Subbasin has 1 principal aquifer, the Basin Fill Aquifer (SVBGSA, 2022c). This aquifer is composed of sandy, water-bearing strata that are in hydraulic connection with and equivalent to the 180-Foot, the 400-Foot, and the Deep Aquifers in the adjacent 180/400 Subbasin. The aquitard that acts as a confining layer between the 180-Foot and 400-Foot Aquifers in the 180/400-Foot Subbasin has not been definitively mapped or traced throughout the Forebay Subbasin. The Deep Aquifers in the Forebay Subbasin may be hydraulically connected to the sediments that comprise the Deep Aquifers in the 180/400-Foot Aquifer Subbasin. In the Forebay subbasin, the Deep Aquifers can be as thick as 900 feet and are characterized by interbedded layers of clay and sandy-gravel deposits rather than clearly defined aquitards and aquifers.

Upper Valley Subbasin - The Upper Valley Subbasin's principal aquifer is unconfined and is represented by alluvium and the Paso Robles Formation (SVBGSA, 2022d), where deposits west of the Salinas River are typically coarser grained than those to the east. These primary water-bearing units are laterally equivalent to those found in the 180/400 and Forebay Aquifer (Forebay) Subbasins.

1.3 Well Locations and Objectives

The monitoring well locations are shown on

Figure 2. The 13 new monitoring wells were installed to address the hydrogeologic conceptual model (HCM) data gaps identified in the GSPs.

Monitoring wells L-GWL-1, L-GWL-4, ES-1A, ES-1B, ES-1C, F-DA-1, UV-GWL-2, and UV-GWL-3 were installed to fill data gaps in the groundwater level monitoring network. These wells were constructed with screened intervals in the aquifer units shown in Table 1 to obtain representative groundwater levels.

Table 1. Screened Aquifer Units

Monitoring Well	Aquifer Unit
L-GWL-1	Decomposed Granite
L-GWL-4	Decomposed Granite
ES-1A	Deep Aquifers
ES-1B	400-Foot Aquifer
ES-1C	180-Foot Aquifer
F-DA-1	Deep Aquifers
UV-GWL-2	Paso Robles Formation
UV-GWL-3	Paso Robles Formation

The locations of the new groundwater level monitoring network wells are summarized below.

- L-GWL-1 was installed on the east side of San Juan Grade Road, northeast of the intersection with Crazy Horse Canyon Road.
- L-GWL-4 was installed at the end of Echo Valley Court west of Highway 101.
- ES-1A, ES-1B, and ES-1C were installed as a group of clustered monitoring wells south of Sherwood Drive and east of Highway 101 adjacent to Mount Toro High School.
- F-DA-1 was installed on the east side of Mission Road north of the intersection with Foothill Road.
- UV-GWL-2 was installed on the southeast side of Ranchita Canyon Road northeast of the intersection with Douglas Road.
- UV-GWL-3 was installed on the east side of Hare Canyon Road northeast of the intersection with Bradley Road.

Monitoring wells ES-ISW-1, F-ISW-1, F-ISW-2, F-ISW-3, and UV-ISW-2 were installed to fill data gaps in the interconnected surface water monitoring network, specifically to assess depletion of interconnected surface water. F-ISW-2, F-ISW-3, and UV-ISW-2 were installed near the Salinas River. ES-ISW-1 and F-ISW-1 were installed near Gabilan Creek and the Arroyo Seco River, respectively. The locations of the new interconnected surface water monitoring network wells are summarized below.

- ES-ISW-1 was installed on the southwest side of Hebert Road southeast of the intersection with San Juan Grade Road adjacent to Gabilan Creek.
- F-ISW-1 was installed on the east side of Arroyo Seco Road north of the intersection with Leslie Lane adjacent to the Arroyo Seco River.
- F-ISW-2 was installed on the south side of Elm Avenue west of the intersection with Metz-King City Road.
- F-ISW-3 was installed at the end of Camphora Road west of Highway 101.
- UV-ISW-2 was installed on the west side of Cattlemen Road north of the intersection with Red Head Canyon Road.

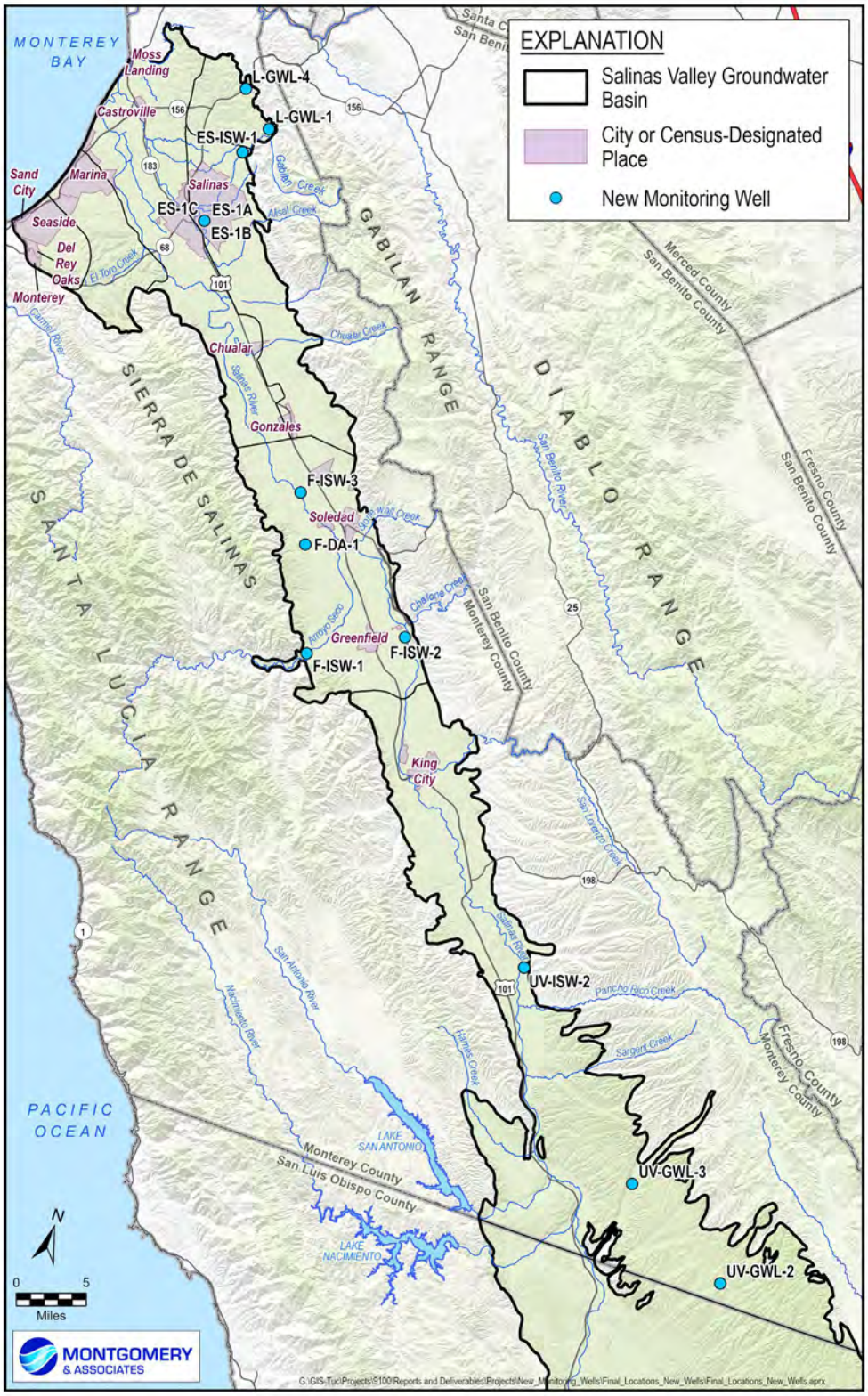

Figure 2. Monitoring Well Locations

1.4 Field Program Chronology

Monitoring well installation activities were completed within the timeframe of the SGM R2 Grant. The following is a generalized chronological summary of key field program events:

1. May 27 – June 20, 2025: Drill, construct, and develop L-GWL-4
2. June 9 – June 26, 2025: Drill, construct, and develop ES-1A
3. June 23 – July 1, 2025: Drill, construct, and develop ES-1B
4. July 7 – July 16, 2025: Drill, construct, and develop ES-1C
5. July 14 – July 29, 2025: Drill, construct, and develop L-GWL-1
6. August 13 – August 26, 2025: Drill, construct, and develop F-ISW-1
7. August 25 – September 23, 2025: Drill, construct, and develop F-DA-1
8. September 25 – October 7, 2025: Drill, construct, and develop UV-GWL-3
9. October 8 – October 28, 2025: Drill, construct, and develop UV-GWL-2
10. October 20 – October 22, 2025: Drill, construct, and develop F-ISW-3
11. October 21 – October 23, 2025: Drill, construct, and develop F-ISW-2
12. October 22 – October 24, 2025: Drill, construct, and develop UV-ISW-2
13. October 23, 2025: Drill and construct ES-ISW-1 (well currently dry)
14. September 8 – September 9, 2025: Conduct groundwater sampling at ES-1A, ES-1B, and ES-1C
15. September 18: Conduct groundwater sampling at L-GWL-1 and L-GWL-4
16. October 2: Conduct groundwater sampling at F-DA-1
17. October 29: Conduct groundwater sampling at UV-GWL-2 and UV-GWL-3
18. November 17 – November 21, 2025: Conduct pneumatic slug testing at L-GWL-1, L-GWL-4, ES-1A, ES-1B, ES-1C, F-DA-1, UV-GWL-2, and UV-GWL-3
19. November 20, 2025 and January 15, 2026: Install dedicated datalogging pressure transducers at L-GWL-1, L-GWL-4, ES-ISW-1, ES-1A, ES-1B, ES-1C, F-ISW-1, F-ISW-2, F-ISW-3, F-DA-1, UV-ISW-2, UV-GWL-2, and UV GWL-3

2 MONITORING WELL INSTALLATION

This section describes monitoring well drilling, construction, and development. Well installation activities were completed in accordance with M&A's *Technical Specifications, Salinas Valley Basin Groundwater Sustainability Agency Langley Area, Eastside Aquifer, Forebay Aquifer, and Upper Valley Aquifer Subbasins Monitoring Well Construction and Development* (M&A, 2025b).

Well installation activities involved the following parties:

- M&A – Contracted by SVBGSA for planning, field construction management services, groundwater quality sampling, pneumatic slug testing, and reporting of well installation activities.
    - Subtronic Corporation (Subtronic) – Contracted by M&A for underground utility locating services at the monitoring well sites prior to drilling operations.
- Bradley & Son's, Inc. (Bradley) - Licensed C-57 well driller contracted by SVBGSA for monitoring well drilling (mud rotary methods), construction, and development.
    - Salem Engineering Group, Inc. (Salem) - Licensed C-57 well driller subcontracted by Bradley for monitoring well drilling (hollow stem auger method), construction, and development.
    - Pacific Surveys LLC (Pacific)– Contracted by Bradley for geophysical and caliper logging services.
- Polaris Land Surveying, Inc. (Polaris), - Licensed land surveyor contracted by SVBGSA for surveying right-of-way and monitoring well location and elevation.

M&A observed most site activities associated with monitoring well installation and development. The following sections summarize activities observed by M&A and information provided to M&A by Bradley, Salem, and Pacific.

2.1 Drilling and Construction

Monitoring wells L-GWL-1, L-GWL-4, ES-1A, ES-1B, ES-1C, ES-ISW-1, F-DA-1, F-ISW-1, F-ISW-2, F-ISW-3, UV-GWL-2, UV-GWL-3, and UV-ISW-2 were installed in accordance with procedures described in State of California Water Well Standard Bulletins 74-81 (State of California, 1981) and 74-90 (State of California, 1991). Copies of monitoring well construction permits obtained from the Monterey County Environmental Health Bureau are provided in Appendix A.

Monitoring wells L-GWL-1, L-GWL-4, ES- 1A, ES- 1B, ES- 1C, F-DA-1, F-ISW-1, UV-GWL-2, and UV-GWL-3 were drilled and constructed using direct rotary drilling methods. Monitoring wells ES-ISW-1, F-ISW-2, F-ISW-3, and UV-ISW-2 were drilled and constructed using hollow stem auger drilling methods. F-ISW-1 was installed using the direct rotary method due to hard rock formations and the depth necessary to reach the water bearing aquifer. Drilling and well construction activities are summarized in the following sections.

2.1.1 Direct Rotary Drilling

The L-GWL-1, L-GWL-4, ES- 1A, ES- 1B, ES- 1C, F-DA-1, F-ISW-1, UV-GWL-2, and UV-GWL-3 boreholes were advanced by direct rotary drilling methods using a VersaDrill V-100NG drill rig and a combination of 10.625-inch diameter drag, button, and mill tooth bits. An 8.75-inch diameter drill bit was used to advance the F-ISW-1 borehole. During drilling, a bentonite-based drilling fluid was used to stabilize the boreholes. Following drilling activities at each location, drill cuttings and drilling fluids generated during drilling were removed from the sites for proper disposal.

During direct rotary drilling, Bradley collected representative samples of drill cuttings at 10-foot intervals. An M&A hydrogeologist maintained lithologic logs of the drill cuttings and prepared chip trays with representative samples. Detailed lithologic logs and photographs of the chip trays are provided in Appendix A.

2.1.2 Geophysical Logging

After reaching the total borehole depth at each location, Pacific conducted downhole geophysical surveys, including natural gamma radiation, spontaneous potential, short and long normal resistivities, and single point resistance logs. Pacific also conducted a caliper survey to measure the borehole diameter and shape. Copies of the geophysical and caliper survey reports are provided in Appendix A.

At ES-1A, Bradley used a combination of 8.75-inch diameter drag and mill tooth bits to reach the total depth of 1,300 feet below ground surface (bgs). The geophysical surveys were completed within the 8.75-inch borehole prior to reaming with a 10.625-inch diameter bit. The caliper survey was completed within the 10.625-inch reamed borehole.

2.1.3 Well Design

Lithologic and geophysical data collected by M&A and Pacific were used to support monitoring well design. M&A evaluated cuttings samples, observations during drilling, and the geophysical survey results to characterize subsurface lithology. The interpreted lithology of each borehole is included in Appendix A.

2.1.4 Well Construction

Monitoring wells L-GWL-1, L-GWL-4, ES-1A, ES-1B, ES-1C, F-DA-1, UV-GWL-2, and UV-GWL-3 were constructed with nominal 4-inch diameter (3.8-inch inner diameter and 4.5-inch outer diameter), flush threaded, Schedule 80 poly vinyl-chloride (PVC) well casing and screen, with horizontal machine-cut 0.040-inch slots. Monitoring well F-ISW-1 was constructed with nominal 2-inch diameter (1.9-inch inner diameter and 2.4-inch outer diameter), flush threaded, Schedule 80 PVC well casing and screen, with horizontal machine-cut 0.040-inch slots. The wells were completed with a 5-foot cellar with a stainless-steel threaded end cap. Casing centralizers were installed at the top and bottom of the screened interval and every 80 feet along the casing to center casing within the borehole.

Following casing installation, annular materials were placed from the bottom to the top of the borehole using a tremie pipe. From bottom to top, annular materials included hydrated bentonite tablets, 8 x 16 gradation filter media (provided by SRI Supreme), hydrated bentonite tablets, high solids powdered bentonite grout, and 10.3 sack sand-cement. Well designs were approved by Monterey County Water Resources Agency (MCWRA) and the Monterey County Environmental Health Bureau. Placement of the annular seal at each location was approved by a Monterey County Environmental Health Bureau inspector. Bradley notified the County prior to placing each seal, but did not send a County inspector to witness every pour. Table 2 summarizes the as-built construction details for these monitoring wells. Well schematics are provided in Appendix A.

Table 2. Direct Rotary Well Construction Summary

	L-GWL-1	L-GWL-4	ES-1A	ES-1B	ES-1C	F-DA-1	UV-GWL-2	UV-GWL-3	F-ISW-1
Total Drilled Depth (feet)	171	408	1,300	510	270	1,300	700	500	200
Borehole Diameter (inches)	10.625	10.625	10.625	10.625	10.625	10.625	10.625	10.625	8.75
Completed Depth[a] (feet)	165	335	905	495	255	1,255	555	495	195
Casing Diameter (inches)	4 (nominal)	4 (nominal)	4 (nominal)	4 (nominal)	4 (nominal)	4 (nominal)	4 (nominal)	4 (nominal)	2 (nominal)
Casing Material	Schedule 80 PVC	Schedule 80 PVC	Schedule 80 PVC	Schedule 80 PVC	Schedule 80 PVC	Schedule 80 PVC	Schedule 80 PVC	Schedule 80 PVC	Schedule 80 PVC
Screened Interval (feet)	80-160	280-330	850-900	440-490	200-250	1,200-1,250	500-550	460-490	160-190
Filter Pack Material	8 x 16	8 x 16	8 x 16	8 x 16	8 x 16	8 x 16	8 x 16	8 x 16	8 x 16
Depth of Annular Seal (feet)	65	100	100	100	185	100	100	100	145
Static Water Level (feet btoc)	22.33 (8/21/2025)	101.90 (7/8/2025)	127.55 (7/8/2025)	90.80 (7/8/2025)	65.68 (7/21/2025)	107.40 (11/19/2025)	331.41 (10/29/2025)	344.48 (10/29/2025)	148.53 (9/5/2025)

Notes:
btoc – below top of casing
[a]Completed depth is defined as the bottom of the casing.

2.1.5 Hollow Stem Auger Drilling

Drilling and well construction of new Monitoring wells ES-ISW-1, F-ISW-2, F-ISW-3, and UV-ISW-2 were drilled and constructed by Salem using hollow stem auger methods. The 8.5-inch diameter boreholes were advanced using a CME 55 drill rig. Following drilling activities, drill cuttings generated during drilling were removed from the site for proper disposal.

During drilling, Salem collected lithologic samples every 10 feet of vertical drilling using a split-spoon sampler. An M&A hydrogeologist maintained lithologic logs of the drill cuttings and prepared chip trays with representative samples. Detailed lithologic logs and photographs of the chip trays are provided in Appendix A.

The initial borehole for UV-ISW-2 was drilled to a total depth of 75 feet bgs. Material heaved into the borehole during well installation, and the well could not be installed as designed. The first borehole was destroyed. Crew from Salem removed the augers from the borehole and when they returned the next morning the borehole had caved to 7 feet bgs. This borehole was backfilled with neat cement to 2 feet bgs, and topped off with native fill. Crew from Salem stepped over 5 feet to the north, redrilled to 40 feet bgs, and installed the well. The lithologic log in Appendix A is from the first borehole.

2.1.6 Well Design

Lithologic data collected during drilling were used to characterize subsurface lithology and support monitoring well design. The interpreted lithology of each borehole is included in Appendix A.

2.1.7 Well Construction

Monitoring wells ES-ISW-1, F-ISW-2, F-ISW-3, and UV-ISW-2 were constructed with nominal 2-inch diameter (1.9-inch inner diameter and 2.4-inch outer diameter), flush threaded, Schedule 80 PVC well casing and screen, with horizontal machine-cut 0.040-inch slots. The wells were completed with a 5-foot cellar and a stainless-steel threaded end cap, except for ES-ISW-1, which was constructed without a 5-foot cellar. At ES-ISW-1, decomposed granite was encountered at a depth of 55 feet bgs and the well was constructed without a 5-foot cellar to maximize screen length below the bottom of Gabilan Creek. Salem was unable to drill deeper using the hollow stem auger method.

Following casing installation at each location, annular materials were placed from the bottom to the top of the borehole through the open augers. From bottom to top, annular materials included 8 x 16 gradation filter media (provided by SRI Supreme), hydrated bentonite tablets, and neat cement. Well designs were approved by MCWRA and the Monterey County Environmental Health Bureau. The Monterey County Environmental Health Bureau approved placement of the sanitary seals without an inspector present.

As-built construction details are summarized in Table 3. The well schematics for ES-ISW-1, F-ISW-2, F-ISW-3, and UV-ISW-2 are provided in Appendix A.

Table 3. Hollow Stem Auger Well Construction Summary

	ES-ISW-1	F-ISW-2	F-ISW-3	UV-ISW-2
Total Drilled Depth (feet)	55	75	75	40
Borehole Diameter (inches)	8.5	8.5	8.5	8.5
Completed Depth[a] (feet)	55	70	70	40
Casing Diameter (inches)	2 (nominal)	2 (nominal)	2 (nominal)	2 (nominal)
Casing Material	Schedule 80 PVC	Schedule 80 PVC	Schedule 80 PVC	Schedule 80 PVC
Screened Interval (feet)	25-55	35-65	35-65	15-35
Filter Pack Material	8 x 16	8 x 16	8 x 16	8 x 16
Depth of Annular Seal (feet)	20	20	20	10
Static Water Level[b] (feet btoc)	N/A	13.88	9.72	24.07

Notes:
btoc – below top of casing
[a]Completed depth is defined as the bottom of the casing.
[b]Static water levels were measured on December 19, 2025.

2.2 Well Development

Well development activities were conducted at monitoring wells following construction and after allowing at least 24 hours for the sanitary seal to cure. Well ES-ISW-1 was not developed because the well was dry at the time of well completion.

Monitoring wells drilled with mud rotary methods were developed using open-ended airlift and dual swab airlift methods. Initially, airlifting was completed from the top of the well screen to the bottom of the well using a 1-inch airline and tremie pipe as an eductor pipe. Development continued until the discharge was free of drilling fluid and purge water was visibly clear. Fill generated during airlifting was removed by lowering the tremie pipe to the bottom of the well and purging the cellar section.

Following open-ended airlifting, L-GWL-1, L-GWL-4, ES-1A, ES-1B, ES-1C, F-DA-1, UV-GWL-2, and UV-GWL-3 were further developed by swabbing while simultaneously airlifting. This process was completed from the top of the well screen to the bottom of the well using a 5-foot dual-swab tool composed of a perforated pipe equipped with two 4-inch diameter rubber flanges on either end. Swabbing and simultaneous airlifting was generally completed in 5-foot intervals until the discharge water became visibly clear.

All monitoring wells drilled by hollow stem auger methods and F-ISW-1 were developed using open-ended airlift methods. Using a 1-inch airline and the well casing as an eductor pipe, airlifting was completed from the top of the well screen to the bottom of the well until the discharge was free of drilling fluid and purge water was visibly clear. Fill generated during airlifting was removed from the bottom of the well by lowering the airline to the bottom of the well and purging the cellar section.

2.3 Surface Completion

At the request of MCWRA, each monitoring well was completed with an above-grade, steel, 8-inch diameter security monument, with locking lid to prevent tampering. Three steel traffic bollards were installed to protect the standpipe completion. Figure 3 shows the F-DA-1 surface completion as an example. The State of California Well Completion Reports for each completed well are provided in Appendix A.

Figure 3. Standpipe Monument

2.4 Monitoring Well Surveying

Following well installation activities, Polaris surveyed the well location, land surface elevation, and top of casing reference point elevation at each monitoring well. Survey information is summarized in Table 4, and the land surveyor data reports are provided in Appendix B.

Table 4. Monitoring Well Surveyed Elevations

Well	California State Plane Zone IV, NAD 83		Land Surface Elevation NAVD 88 (feet amsl)	Measuring Point Elevation* NAVD 88 (feet amsl)	Approximate Elevation at Top of Screen NAVD 88 (feet amsl)	Approximate Elevation at Bottom of Screen NAVD 88 (feet amsl)	Approximate Elevation of Groundwater Surface NAVD 88 (feet amsl)
	X Coordinate (feet)	Y Coordinate (feet)					
L-GWL-1	5803560.013	2180073.712	310.60	312.52	233	153	290
L-GWL-4	5791617.502	2192892.418	469.74	471.55	192	142	370
ES-1A	5785453.585	2143339.514	46.89	49.07	-801	-851	-78
ES-1B	5785484.851	2143386.176	46.93	49.15	-391	-441	-42
ES-1C	5785515.392	2143433.251	47.17	49.34	-151	-201	-16
F-DA-1	5864869.398	2034677.035	242.95	245.03	-955	-1005	138
UV-GWL-2	6099192.531	1816230.088	1,309.91	1,312.16	812	762	981
UV-GWL-3	6045419.634	1846551.580	898.94	900.98	441	411	556
F-ISW-1	5878555.914	1996101.956	479.13	481.16	321	291	333
ES-ISW-1	5796779.013	2169108.721	218.64	220.65	196	166	N/A
F-ISW-2	5913164.884	2014098.945	226.70	228.55	194	164	215
F-ISW-3	5857570.531	2053365.580	141.90	143.36	108	78	134
UV-ISW-2	5993453.752	1908613.104	404.80	407.14	392	372	383

Notes:
NAD = North American Datum
NAVD = North American Vertical Datum
Feet amsl = feet above mean sea level
[a]Measuring point elevation or reference point elevation is marked on the north side of the casing in permanent marker.

3 MONITORING WELL SAMPLING, TESTING, AND EQUIPPING

Following well installation, groundwater sampling and aquifer testing was conducted at monitoring wells L-GWL-1, L-GWL-4, ES-1A, ES-1B, ES-1C, F-DA-1, UV-GWL-3; and UV-GWL-2. Additionally, all 13 new monitoring wells were equipped with pressure transducers to monitor changes in groundwater elevations over time. Sampling, testing and equipping activities are summarized in the following sections.

3.1 Groundwater Sampling

Groundwater sampling was conducted at the groundwater elevation monitoring network wells from September 2 to October 29, 2025, to provide baseline water quality data in the data gap areas. Interconnected surface water monitoring network wells F-ISW-1, F-ISW-2, F-ISW-3, and UV-ISW-2 were not sampled because the shallow groundwater quality in this area is well understood. ES-ISW-1 is currently dry and was not sampled.

3.1.1 Sampling Methods

Groundwater samples at ES-1A, ES-1B, ES-1C, and F-DA-1 were collected by M&A in coordination with Bradley using the standard purge method. Prior to sample collection, Bradley removed at least 3 casings volumes of groundwater at each well using a submersible pump.

M&A collected a groundwater samples from L-GWL-1, L-GWL-4, UV-GWL-3, and UV-GWL-2 by grab method using a disposable bailer. The grab method was selected for sample collection at these wells based on observations during development activities. During airlift development, these wells rapidly dewatered multiple times and recovered very slowly. Poor water production at these wells, and slow recovery rates prevented sample collection by standard purge methods.

Following collection, samples were delivered to the Monterey County Health Department Laboratory for analyses including irrigation suitability parameters, arsenic, iron, and manganese.

3.1.2 Results

Table 5 summarizes water quality results along with primary and secondary maximum contaminant levels (MCLs) for comparison. Copies of the laboratory reports are provided in Appendix C.

In the groundwater samples from all monitoring wells, analytes were reported at concentrations below respective primary MCLs, with one exception. In the sample from L-GWL-4, arsenic was reported at a concentration of 24 micrograms per liter (µg/L), above the primary MCL of 10 µg/L. Exceedances of secondary MCLs are summarized in Table 5.

Table 5. Water Quality Summary

Analyte	ES-1A	ES-1B	ES-1C	L-GWL-1	L-GWL-4	F-DA-1	UV-GWL-2	UV-GWL-3	Primary MCL	Secondary MCL	Units
Arsenic	5	2	3	<1	**24**	2	3	1.3	10		ug/L
Boron	91	185	<50	<50	160	85	460	540			mg/L
Calcium	42	162	44	22	20	58	65	82			mg/L
Chloride	36	197	74	**251**	103	8.6	108	95		250	mg/L
Conductivity @ 25°C	595	**1,780**	570	**1,140**	769	555	**1,110**	**1,270**		900	umho/cm
Hardness	179	627	176	218	76.7	190	372	456			mg/L
Iron	**5,310**	<100	**1,420**	162	202	243	<100	<100		300	ug/L
Magnesium	18	54	16	51	6.5	11	51	61			mg/L
Manganese	**102**	16	40	**204**	**79**	19	**345**	37		50	ug/L
Nitrate as NO3	2.4	23	5.6	0.6	<0.5	0.9	15	11	45		mg/L
pH	6.8	6.6	6.4	6.9	6.9	6.6	8.2	6.9			pH
Potassium	4.4	4.4	2.6	4.8	2.3	3.3	3.3	3.9			mg/L
Sulfate	86	153	18	35	23	96	143	**262**		250	mg/L
Sodium	57	111	45	146	144	46	89	109			mg/L
Total Alkalinity as CaCO3	165	433	150	205	211	178	261	251			mg/L
Total Dissolved Solids	445	**1,090**	355	**650**	77	390	**947**	**830**		500	mg/L

Notes:
MCL = maximum contaminant level
mg/L = milligrams per liter
ug/L = micrograms per liter
umhos/cm = micromhos per centimeter
Bold values in red exceed Primary MCL
Bold values exceed secondary MCL.

3.2 Pneumatic Slug Testing

Pneumatic slug testing was conducted at groundwater level monitoring network wells L-GWL-1, L-GWL-4, ES-1A, ES-1B, ES-1C, F-DA-1, UV-GWL-2, and UV-GWL-3 from November 17 to November 21, 2025, to evaluate aquifer properties at the wells. F-ISW-1, F-ISW-2, F-ISW-3, and UV-ISW-2 were not tested because they are in connection with the shallow groundwater. ES-ISW-1 is dry and was not tested.

3.2.1 Testing Procedure

Prior to pneumatic slug testing, monitoring wells L-GWL-1, L-GWL-4, ES-1A, ES-1B, ES-1C, F-DA-1, UV-GWL-2, and UV-GWL-3 were left undisturbed for at least 2 days following groundwater sampling activities. Pneumatic slug testing was conducted by applying air pressure to the sealed monitoring wells. Once the pressure head within the well equilibrates with the aquifer, a rising-head test is conducted by instantaneously releasing the air pressure and measuring the water level response.

Each monitoring well was equipped with a wellhead manifold and a datalogging pressure transducer (Figure 4) to measure water level response during testing. The dataloggers were programmed to record water levels at a rate of 1 reading per second. During testing, pressure response data was monitored in real time on a laptop computer. A minimum of 6 rising head pneumatic slug tests were conducted at each well to verify that the data were repeatable. Slugs of different air pressure were used at each location for comparative analysis. Monitoring of rising head continued until the water level recovered to within approximately 99% of the initial static water level.

Figure 4. Wellhead Manifold and Datalogging Pressure Transducer

3.2.2 Pneumatic Slug Test Results

Water level recovery data from rising head tests were analyzed to estimate hydraulic conductivity (K) using the aquifer test analytical software AQTESOLV (HydroSOLVE, 2015). Either the Butler-Zahn Inertial method (Butler and Zahn, 2004) or the Kansas Geological Survey (KGS) method (Hyder *et al.*, 1994) were used to analyze the observed water level response for all wells.

Analytical methods used for analysis were determined based on water level responses during testing. The water level response at wells ES-1B and ES-1C was underdamped and characterized by oscillating groundwater levels during the recovery period. The Butler-Zahn analytical method was used to address inertial effects in the well. Other standard slug test models assume viscous damping only, so they were not applicable for this situation.

During testing at wells ES-1A, F-DA-1, UV-GWL-2, and UV-GWL-3, an overdamped water level response was observed, characterized by increasing groundwater levels with no oscillation. The KGS analytical method was used because it provides more reliable K estimates compared to more traditional methods such as Bower & Rice.

For pneumatic slug tests, displacement (i.e., change in water level in the well) at a given time during the test (Ht) is normalized by the initial displacement (H0) as follows:

$$\text{normalized head} = Ht/H0$$

The normalized head was plotted against time and matched against type curves of known horizontal K. Horizontal K was also estimated using a straight-line method (Hvorslev, 1951) to compare to the values estimated using type curves and to validate the results. Analytical results are presented as horizontal K in units of feet per day (ft/day). The horizontal K values from the slug tests at each well are considered representative of the aquifer near the well at the depth of their screened intervals.

Table 6 summarizes the estimated horizontal K values for each analytical method and the arithmetic mean of values from both analytical methods. One representative test at each well was selected for analysis. Graphs of observed water level response and the selected type curve for analysis are provided in Appendix D.

Table 6. Summary of Estimated Hydraulic Conductivity from Pneumatic Slug Testing Analyses

Well ID	Primary Analysis		Confirmation Analysis		Average K (ft/day)
	Analytical Method	K (ft/day)	Analytical Method	K (ft/day)	
ES-1A	KGS	5.7	Hvorslev	6.1	5.9
ES-1B	Butler-Zahn	101.9	Hvorslev	48.8	75.3
ES-1C	Butler-Zahn	67.0	Hvorslev	57.9	62.4
F-DA-1	KGS	2.7	Hvorslev	2.6	2.6
UV-GWL-2	KGS	3.8	Hvorslev	3.9	3.9
UV-GWL-3	KGS	3.4	Hvorslev	2.9	3.2

As part of the *Salinas Valley Deep Aquifers Study* (M&A, 2024), previous reports and aquifer property data were reviewed. Based on the review, estimated K values in the Deep Aquifers typically range from 2 to 36 ft/day, with a geometric mean of about 10 ft/day. Therefore, the ES-1A and F-DA-1 values are within the range of expected values.

3.2.3 Uninterpretable Data

During the attempted slug tests at L-GWL-1 and L-GWL-4, approximately 2 pounds per square inch (psi) of pressure were applied to the sealed wells. An increase in system pressure was observed in the measured data. However, the pressure response over time was not typical. The aquifer did not equilibrate to the applied pressure change over an extended period of time. Testing was repeated several times with similar results.

The atypical pressure response in these wells prevented acquisition of usable data for aquifer test analysis. If the pressure in the well does not equilibrate with the surrounding aquifer, the initial head displacement when pressure is released is not well-defined, and the subsequent recovery data cannot be referenced to a stable baseline or a known static water level.

The failure of these wells to reach equilibration with the aquifer after the pressure was increased may indicate extremely slow hydraulic communication between the well and the surrounding formation. The formation likely has a very low K and groundwater storage capacity. This is consistent with observations during drilling and well development. During development, the well screens became dewatered and recovered at a slow rate. Lithologic and geophysical logging indicates these wells are screened within a zone of weathered or decomposed granite derived from the Gabilan Range where well yields have been documented as variable, with many well yields less than 5 gallons per minute. The observed response at L-GWL-2 during pneumatic slug testing in early January 2025 was similar to the response at L-GWL-1 and L-GWL-4 in November 2025. The estimated horizontal K value at L-GWL-2 was 0.1 ft/day. All 3 of these wells are screened in weathered/decomposed granite.

Low conductivity formations exhibit very slow groundwater movement due to small, poorly connected pore spaces. In a low permeability, low effective-porosity formation, the volume of water that can move in or out of the aquifer per unit time under a given pressure gradient is minimal. When air pressure is applied to the well to displace water into the formation, the water cannot readily dissipate into the surrounding matrix. The result is a prolonged period—potentially hours or longer—during which the aquifer is still attempting to reach equilibrium with the applied pressure.

3.3 Well Equipping

On November 20, 2025, monitoring wells L-GWL-1, L-GWL-4, ES-1A, ES-1B, ES-1C, F-ISW-1, and F-DA-1 were equipped with In-Situ Level TROLL 500 datalogging pressure transducers to continuously measure groundwater levels. Monitoring wells ES-ISW-1, F-ISW-2, F-ISW-3, UV-ISW-2, UV-GWL-2, and UV GWL-3 were equipped with In-Situ Level TROLL 500 datalogging pressure transducers on January 15, 2026. The pressure transducers were suspended in the wells using vented direct data cables.

The dedicated monitoring equipment was installed in each well based on static groundwater levels and depths of screened intervals. In the groundwater level monitoring network wells L-GWL-4, ES-1A, ES-1B, F-DA-1, and UV-GWL-2, the pressure transducers were placed approximately 200 feet below the static water level measured at each location except for where the desired submergence was not achievable. At L-GWL-1, ES-1C, and UV-GWL-3, where the height of the water column was less than 200 feet, the transducer was placed near the bottom of

the screened interval. In the interconnected surface water monitoring network wells (ES-ISW-1, F-ISW-1, F-ISW-2, F-ISW-3, and UV-ISW-2), the pressure transducers were placed near the bottom of screened interval. Table 7 summarizes pressure transducer specifications and depths.

Table 7. Transducer Specifications

Monitoring Well	Screened Interval (feet btoc)	Static Groundwater Level (feet btoc)	Transducer Depth (feet btoc)	Pressure Range/Maximum Submergence (ft H_2O)	Transducer Model
L-GWL-1	80-160	22.33	150	692	Level TROLL 500
L-GWL-4	280-330	101.90	302	692	Level TROLL 500
ES-1A	850-900	127.55	328	692	Level TROLL 500
ES-1B	440-490	90.80	291	692	Level TROLL 500
ES-1C	200-250	65.68	240	692	Level TROLL 500
ES-ISW-1	25-55	N/A	54	69	Level TROLL 500
F-ISW-1	160-190	148.53	190	231	Level TROLL 500
F-DA-1	1200-1250	107.40	307	692	Level TROLL 500
F-ISW-2	35-65	13.88	65	69	Level TROLL 500
F-ISW-3	35-65	9.72	65	69	Level TROLL 500
UV-ISW-2	15-35	24.07	35	69	Level TROLL 500
UV-GWL-2	500-550	331.41	531	692	Level TROLL 500
UV-GWL-3	460-490	344.48	490	692	Level TROLL 500

btoc – below top of casing
ft H_2O - feet of Water Column

As shown in Table 6, ES-ISW-1 was equipped with a pressure transducer even though it was a dry well at time of development. This well was designed to monitor depletion of interconnected surface water, so dry conditions are informative for its purpose. Based on current conditions, there is no shallow groundwater interconnected to the surface water at the ES-ISW-1 location. Additionally, Gabilan Creek was observed dry at the time of well construction activities. During the summer of 2025, there was no potential for depletion of interconnected surface water. The relationship between shallow groundwater and the surface water at Gabilan Creek will continue to be monitored to assess any potential for future depletions of interconnected surface water, especially during periods of high winter flows.

4 REFERENCES

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Hvorslev, M.J., 1951. Time Lag and Soil Permeability in Ground-Water Observations, Bull. No. 36, Waterways Exper. Sta. Corps of Engrs, U.S. Army, Vicksburg, Mississippi, pp. 1-50.

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State of California, 1991. Water Well Standards: State of California, Bulletin 74-90. June 1991.

5 ACRONYMS & ABBREVIATIONS

bgs .....below ground surface
Bradley ..... Bradley & Sons, Inc.
btoc.....below top of casing
DWR .....Department of Water Resources
Eastside .....Eastside Aquifer
ft/day .....feet per day
ft H_2O .....feet of Water Column
Forebay .....Forebay Aquifer
GSP .....Groundwater Sustainability Plan
HCM .....hydrogeologic conceptual model
K.....hydraulic conductivity
KGS.....Kansas Geological Survey
Langley .....Langley Area
M&A .....Montgomery & Associates
MCL .....maximum contaminant level
MCWRA .....Monterey County Water Resources Agency
mg/L .....milligrams per liter
NAD .....North American Datum
NAVD .....North American Vertical Datum
Pacific .....Pacific Surveys LLC
Polaris .....Polaris Land Surveying, Inc.
psi .....pounds per square inch
PVC.....polyvinyl chloride
Salem.....Salem Engineering Group, Inc.
SGM R2 .....Sustainable Groundwater Management Round 2
Subtronic .....Subtronic Corporation
SVBGSA.....Salinas Valley Basin Groundwater Sustainability Agency
Upper Valley ..Upper Valley Aquifer
ug/L .....micrograms per liter
umhos/cm .....micromhos per centimeter

Appendix A

Well Permits, Geophysical, Caliper, and Lithologic Logs, Cuttings Photos, As-Built Diagrams, Well Completion Reports, Encroachment Permits, Concrete Tickets, and Project Chronology

MONTEREY COUNTY

DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH BUREAU
1270 Natividad Road
Salinas, CA 93906
(831) 755-4507

MONITORING WELL CONSTRUCTION PERMIT

WELL PERMIT: 25-000496 **ISSUANCE DATE: 5/29/25**

SITE LOCATION: ES-1C Sherwood Drive

GPS Coordinates: 36.685593, -121.647488

INTENDED USE: Monitoring Well **EXPIRATION DATE: 5/29/26**

PROPERTY OWNER: City of Salinas Public Works **APN: N/A**

APPLICANT: Salinas Valley Basin Groundwater Sustainability Agency

ADDRESS: 65 West Alisal St.

CITY: Salinas, CA 93901

DRILLING CONTRACTOR: Bradley & Sons Inc. **LICENSE: 414178**

ISSUED BY: _____

Isaiah Tuazon, REHS

PROJECT DESCRIPTION:

This well permit authorizes the construction of a monitoring well subject to the conditions of approval set forth herein.

CONDITIONS OF APPROVAL:

1. Owner, Applicant and any agents working on Owner's or Applicant's behalf (hereafter collectively referred to as "Permittee") shall comply with all requirements set forth in Monterey Code Chapter 15.08 and the California Department of Water Resources California Well Standards Bulletins 74-81 and 74-90 and shall comply with all the conditions of approval of this permit.

2. The well shall be at least 100 feet from any septic tank; any portion of any leach field or animal enclosure; 50 feet from any sewer main, line or lateral; and 150 feet from any seepage pit. If type of absorption field is unknown, the distance shall be 150 feet.

3. This monitoring well permit shall be kept on site at all times while work is in progress.

4. The well shall be drilled in the approved location delineated on the attached map, **Exhibit A**. The well cannot be drilled in any other location without prior approval from Monterey County Health Department, Environmental Health Bureau (EHB) and receipt of an amended permit.

5. Any water well on the premises which is to be abandoned, or which has been abandoned shall be properly destroyed within six months of the completion of this well.

6. Notify the EHB at least 24 hours prior to moving on site.

7. Notify the EHB 24 hours prior to the time you expect to place any seal.

8. If the seal(s) cannot be witnessed by the EHB, a detailed, written description of the seal(s) shall be submitted to the EHB within ten days.

9. Surface construction features of the completed well shall be in accordance with the California Well Standards Bulletin 74-81 and Bulletin 74-90 Section 10.

10. The Owner and Applicant shall defend, indemnify and hold harmless the County and its officers, agents, and employees from and against any and all actions or claims of any description brought on account of approval of this permit or any injury or damages sustained by any person or property resulting from the issuance of the permit or the conduct of the activities authorized under said permit.

11. Issuance of this permit to construct a monitoring well does not create, transfer, assign or acknowledge any legal rights to water associated with this property.

12. Issuance of this permit to construct a monitoring well does not guarantee that the well can be approved for domestic use.

13. A geologic log shall be performed and it shall be submitted to the EHB before the well is sealed. Interpretation of the geologic log including a written water quality report shall be provided by the contractor indicating the best location(s) for sealing off poor quality water and the proposed seal depth. The exact location of sanitary and strata seals shall be approved by the EHB in consultation with the appropriate water management agency, before the well is sealed. The permit applicant may request review of the approved seal depth by a 3rd party licensed hydrogeologist at the applicant's expense if the applicant disagrees with the approved seal depth.

END

City of Salinas

SALINAS

CITY OF SALINAS APPROVED Accepted by 05/22/2025 Date DEVELOPMENT ENGINEERING

ENCROACHMENT PERMIT & APPLICATION

CITY USE ONLY
PERMIT NO: ENC25-0308 ISSUE DATE: 5/22/2025 EXPIRATION DATE: 11/22/2025
☐ PUBLIC IMPROVEMENT PLANS ☐ 50/50 PROGRAM ☐ FIBER ☐ SMALL CELL (LUMINAIRE) ☐ SMALL CELL (PRIVATE POLE)

☐ CONSTRUCTION - PRIVATE FACILITIES ☐ CONSTRUCTION - PUBLIC FACILITIES ☐ REVISION PERMIT # ☐ OTHER

APPLICANT INFORMATION: Complete all fields

NAME: Bradley and Sons Inc. EMAIL:
MAILING ADDRESS: 3625 S. Highland Ave PHONE:
Del Rey Ca. 93616 CELL:
PROJECT LOCATION: Frontage rd off Sherwood Dr @ Hwy 101 S.E. corner
PROJECT DESCRIPTION: Installation of Monitoring water well
(include duration): Four Weeks To Six weeks

CONTRACTOR INFORMATION: Complete all fields

CONTRACTOR NAME: Bradley and Sons Inc EMAIL: rod@bradleyandsonsdrilling.com
ADDRESS: 3625 S. Highland Ave PHONE: 559-441-1401
Del Rey Ca. 93616 ONSITE CONTACT NO.: 559-994-5703
CONTRACTOR LICENSE: 414175 EXPIRATION DATE: 3-31-26 TYPE A☐ B☒ C: 57
CITY BUSINESS LICENSE: Finbl 25-00337 EXPIRATION DATE: 6-30-26

ENCROACHMENT TYPE: CHECK AND COMPLETE ALL APPLICABLE FIELDS	INSPECTIONS REQUIRED: CITY USE ONLY	DATE	INITIALS
☐ UTILITIES (LF)	☐ PRE-CONSTRUCTION MEETING		
☐ SIDEWALK (SF)	■ TRAFFIC CONTROL		
☐ CURB & GUTTER (LF)	☐ BASE/SUBGRADE		
☐ ADA RAMP (EA)	☐ FORMS/REBAR		
☐ DRIVEWAY APPROACH (EA)	☐ UTILITIES		
☐ LANE CLOSURE (LF)	☐ SIGNS/STRIPING		
☐ PARKING SPACE CLOSURE (EA)	☐ LANDSCAPING/IRRIGATION		
☐ FIBER (LF)/SMALL CELL (EA)	☐ ASPHALT/CONCRETE		
☒ OTHER well Drilling	■ FINAL INSPECTION		

* INSPECTION SHALL BE REQUESTED 24 HOURS PRIOR TO COMMENCEMENT OF WORK
* EMAIL [illegible] TO SCHEDULE INSPECTIONS
* UNINSPECTED WORK WILL RESULT IN A CITATION AND IS SUBJECT TO BEING REJECTED

ACKNOWLEDGEMENT & SIGNATURE

I understand the State of California Contractors License Requirements
I have read the General Conditions attached to this application and will comply with them, any special conditions, and all provisions of the City of Salinas Municipal Code. Note: Applicant must sign and submit Page 5 of Permit Conditions.

Rod Bradley — CONTRACTOR/UTILITY REPRESENTATIVE NAME
Rod Bradley — SIGNATURE
5-9-25 — DATE

Form 2020

SPECIAL CONDITIONS OF APPROVAL

A. Design and construction of the encroachment that is the subject of this Permit shall be coordinated with the City of Salinas and all utilities having jurisdiction.

B. Master Plan and Schedule of Work shall be updated weekly.

C. Work site(s) shall have full-time Site Superintendence.

D. 24-hour emergency phone numbers shall be updated as changes occur.

E. Method of trench restoration shall be approved in advance of permit and shall be made an attachment to the permit.

The following to be completed by Public Works staff, as necessary.

F. _____

G. _____

H. _____

I. _____

APPLICANT ACKNOWLEDGEMENT & SIGNATURE

Signature of Permittee or Authorized Representative accepting General Conditions of Approval:

Rod Bradley	owner VP	5-8-25
Print Name	Title	Date

Signature

Bradley and Sons Inc.

Representing (Name and Address)

Note: Applicant must also sign Encroachment Permit application.

CITY USE ONLY

Permit No.: ENC25-0308 Issue Date: 05/22/2025 Expiration Date: 11/22/2025

Monterey, CA 93940
831-220-3003 | elmontgomery.com

USAN 811

Ticket #: 2025042402740 Revision: 000

Ticket Status:
Transmission ID:
Ticket Type:
Response Required:

Excavator Details

Contact: ROD BRADLEY
Company: BRADLEY & SON'S (RB) (IN)
Excavator Type:
Address: 3625 S Highland Ave
Phone:
Mobile:
Email:
Language:
Excavator ID:

Dig Site and Ticket Details

Latitude/Longitude:
GIS coordinate system:

Ticket Action Reason:

Previous Ticket #		**Rev.#**	
Submitted		**Medium**	
Work Begin Date			
Legal Start Date			
Ticket Expiration			
Work Duration			
Address/Location			
City/Town/Place			
County			
State		**Zip Code**	
Nearby Cross Street			
Subdivision/Lot			
Delineated Method			
Work Type			
Work Activity			
Excavation Method			
Anticipated Depth			
Boring		**Explosive**	
Street/Sidewalk		**Pavement Only**	
Vacuum Excavation			
Project Owner			
Permit			
Job #/Name			
Onsite Contact Name			
Onsite Contact Phone			

Excavator Remarks:

2025042402740-000_PositiveResponse_20250505_083827.pdf
Downloaded at 05 May 2025, 08 38 AM

Restaurants
Hotels
Things to do
Transit
Parking
Pharmacies
ATMs
N Main St
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N Main St
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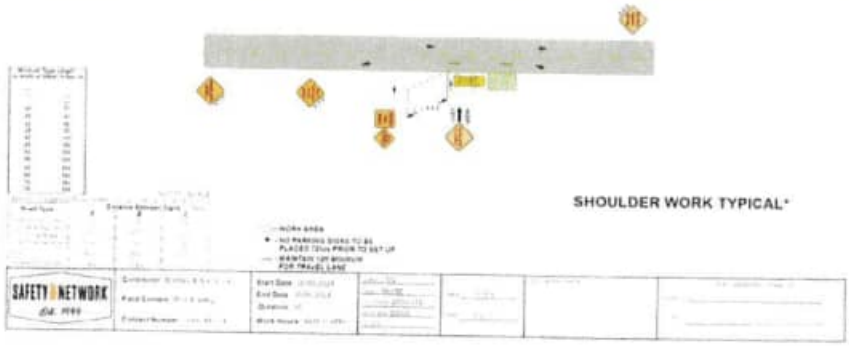
Shorecrest
Shorecrest
Shorecrest

Firefox about:blank

CONTRACTOR TO PROVIDE
ACCESS TO DRIVEWAYS AT
ALL TIMES DURING
CONSTRUCTION

Bradley
3425 S. Highland Ave
Monterey, CA



MONTEREY COUNTY

DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH BUREAU
1270 Natividad Road
Salinas, CA 93906
(831) 755-4507

MONITORING WELL CONSTRUCTION PERMIT

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SITE LOCATION: ES-1B Sherwood Drive

GPS Coordinates: 36.685711, -121.647364

INTENDED USE: Monitoring Well **EXPIRATION DATE: 5/29/26**

PROPERTY OWNER: City of Salinas Public Works **APN: N/A**

APPLICANT: Salinas Valley Basin Groundwater Sustainability Agency

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CITY: Salinas, CA 93901

DRILLING CONTRACTOR: Bradley & Sons Inc. **LICENSE: 414178**

ISSUED BY: _____

Isaiah Tuazon, REHS

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6. Notify the EHB at least 24 hours prior to moving on site.

7. Notify the EHB 24 hours prior to the time you expect to place any seal.

8. If the seal(s) cannot be witnessed by the EHB, a detailed, written description of the seal(s) shall be submitted to the EHB within ten days.

9. Surface construction features of the completed well shall be in accordance with the California Well Standards Bulletin 74-81 and Bulletin 74-90 Section 10.

10. The Owner and Applicant shall defend, indemnify and hold harmless the County and its officers, agents, and employees from and against any and all actions or claims of any description brought on account of approval of this permit or any injury or damages sustained by any person or property resulting from the issuance of the permit or the conduct of the activities authorized under said permit.

11. Issuance of this permit to construct a monitoring well does not create, transfer, assign or acknowledge any legal rights to water associated with this property.

12. Issuance of this permit to construct a monitoring well does not guarantee that the well can be approved for domestic use.

13. A geologic log shall be performed and it shall be submitted to the EHB before the well is sealed. Interpretation of the geologic log including a written water quality report shall be provided by the contractor indicating the best location(s) for sealing off poor quality water and the proposed seal depth. The exact location of sanitary and strata seals shall be approved by the EHB in consultation with the appropriate water management agency, before the well is sealed. The permit applicant may request review of the approved seal depth by a 3rd party licensed hydrogeologist at the applicant's expense if the applicant disagrees with the approved seal depth.

END

City of Salinas

SALINAS

CITY OF SALINAS APPROVED DEVELOPMENT ENGINEERING 05/22/2025 Date

ENCROACHMENT PERMIT & APPLICATION

CITY USE ONLY

PERMIT NO. ENC25-0308 ISSUE DATE: 5/22/2025 EXPIRATION DATE: 11/22/2025

☐ PUBLIC IMPROVEMENT PLANS ☐ 50/50 PROGRAM ☐ FIBER ☐ SMALL CELL (LUMINAIRE) ☐ SMALL CELL (PRIVATE POLE)

☐ CONSTRUCTION - PRIVATE FACILITIES ☐ CONSTRUCTION - PUBLIC FACILITIES ☐ REVISION PERMIT # ☐ OTHER

APPLICANT INFORMATION: Complete all fields

NAME Bradley and Sons Inc. EMAIL

MAILING ADDRESS 3625 S. Highland Ave PHONE

Del Rey Ca. 93616 CELL

PROJECT LOCATION Frontage rd off Sherwood Dr @ Hwy 101 SE. corner

PROJECT DESCRIPTION Installation of Monitoring water well

(include duration) Four Weeks To Six weeks

CONTRACTOR INFORMATION: Complete all fields

CONTRACTOR NAME Bradley and Sons Inc EMAIL redbr@bradleyandsonsdrilling.com

ADDRESS 3625 S. Highland Ave PHONE 559-441-1401

Del Rey Ca. 93616 ONSITE CONTACT NO 559-944-5703

CONTRACTOR LICENSE 414178 EXPIRATION DATE 3-31-26 TYPE A☐B☒C- 57

CITY BUSINESS LICENSE FinbL25-00337 EXPIRATION DATE 6-30-26

ENCROACHMENT TYPE: CHECK AND COMPLETE ALL APPLICABLE FIELDS	INSPECTIONS REQUIRED: CITY USE ONLY	DATE	INITIALS
☐ UTILITIES (LF)	☐ PRE-CONSTRUCTION MEETING		
☐ SIDEWALK (SF)	■ TRAFFIC CONTROL		
☐ CURB & GUTTER (LF)	☐ BASE/SUBGRADE		
☐ ADA RAMP (EA)	☐ FORMS/REBAR		
☐ DRIVEWAY APPROACH (EA)	☐ UTILITIES		
☐ LANE CLOSURE (LF)	☐ SIGNS/STRIPING		
☐ PARKING SPACE CLOSURE (EA)	☐ LANDSCAPING/IRRIGATION		
☐ FIBER (LF)/SMALL CELL (EA)	☐ ASPHALT/CONCRETE		
☒ OTHER well Drilling	■ FINAL INSPECTION		

* INSPECTION SHALL BE REQUESTED 24 HOURS PRIOR TO COMMENCEMENT OF WORK.
* EMAIL ENCROACHMENT@CIYOFSALINAS.COM TO SCHEDULE INSPECTIONS
* UNINSPECTED WORK WILL RESULT IN A CITATION AND IS SUBJECT TO BEING REJECTED

ACKNOWLEDGEMENT & SIGNATURE

I understand the State of California Contractors License Requirements
I have read the General Conditions attached to this application and will comply with them, any special conditions, and all provisions of the City of Salinas Municipal Code. Note: Applicant must sign and submit Page 5 of Permit Conditions.

Red Bradley — CONTRACTOR/UTILITY REPRESENTATIVE NAME

Red Bradley — SIGNATURE

5-9-25 — DATE

April 2020

SPECIAL CONDITIONS OF APPROVAL

A. Design and construction of the encroachment that is the subject of this Permit shall be coordinated with the City of Salinas and all utilities having jurisdiction.

B. Master Plan and Schedule of Work shall be updated weekly.

C. Work site(s) shall have full-time Site Superintendence.

D. 24-hour emergency phone numbers shall be updated as changes occur.

E. Method of trench restoration shall be approved in advance of permit and shall be made an attachment to the permit.

The following to be completed by Public Works staff, as necessary.

F. _____

G. _____

H. _____

I. _____

APPLICANT ACKNOWLEDGEMENT & SIGNATURE

Signature of Permittee or Authorized Representative accepting General Conditions of Approval:

Rod Bradley — owner VP — 5-8-25

Print Name — Title — Date

Rod Bradley

Signature

Bradley and Sons Inc.

Representing (Name and Address)

Note: Applicant must also sign Encroachment Permit application.

CITY USE ONLY

Permit No.: ENC25-0308 Issue Date: 05/22/2025 Expiration Date: 11/22/2025

Monterey, CA 93940
831-220-3003 | elmontgomery.com

Firefox about:blank

USAN 811

Ticket #: 2025042402740 Revision: 000

Ticket Status:
Transmission ID:
Ticket Type:
Response Required:

Excavator Details

Contact: BOB BRADLEY
Company: BRADLEY & SON'S DRILLING
Excavator Type: Contractor for other (professional excavator)
Address: 1625 S Highland Ave
Phone: 559 994 5.011
Mobile: 559 994 5.011
Email: BOB@BRADLEYANDSONSDRILLING.COM
Language:
Excavator ID:

Dig Site and Ticket Details

Latitude/Longitude:
GIS coordinate system:

Ticket Action Reason:

Excavator Remarks:

Previous Ticket #		Rev.#	
Submitted		Medium	
Work Begin Date			
Legal Start Date			
Ticket Expiration			
Work Duration			
Address/Location			
City/Town/Place			
County			
State		Zip Code	
Nearby Cross Street			
Subdivision/Lot			
Delineated Method			
Work Type			
Work Activity			
Excavation Method			
Anticipated Depth			
Boring		Explosive	
Street/Sidewalk		Pavement Only	
Vacuum Excavation			
Project Owner			
Permit			
Job #/Name			
Onsite Contact Name			
Onsite Contact Phone			

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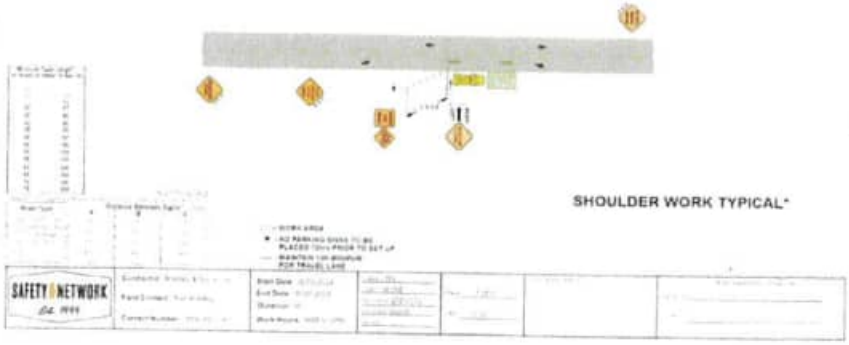
Bradley
2625 S. Highland Ave
Monterey, CA


SHOULDER WORK TYPICAL*
SAFETY NETWORK

MONTEREY COUNTY

DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH BUREAU
1270 Natividad Road
Salinas, CA 93906
(831) 755-4507

MONITORING WELL CONSTRUCTION PERMIT

WELL PERMIT: 25-000498 **ISSUANCE DATE: 5/29/25**

SITE LOCATION: ES-1A Sherwood Drive, Frontage Road

GPS Coordinates: 36.685838, -121.647412

INTENDED USE: Monitoring Well **EXPIRATION DATE: 5/29/26**

PROPERTY OWNER: City of Salinas Public Works **APN: N/A**

APPLICANT: Salinas Valley Basin Groundwater Sustainability Agency

ADDRESS: 65 West Alisal St.

CITY: Salinas, CA 93901

DRILLING CONTRACTOR: Bradley & Sons Inc. **LICENSE: 414178**

ISSUED BY:_____

Isaiah Tuazon, REHS

PROJECT DESCRIPTION:

This well permit authorizes the construction of a monitoring well subject to the conditions of approval set forth herein.

CONDITIONS OF APPROVAL:

1. Owner, Applicant and any agents working on Owner's or Applicant's behalf (hereafter collectively referred to as "Permittee") shall comply with all requirements set forth in Monterey Code Chapter 15.08 and the California Department of Water Resources California Well Standards Bulletins 74-81 and 74-90 and shall comply with all the conditions of approval of this permit.

2. The well shall be at least 100 feet from any septic tank; any portion of any leach field or animal enclosure; 50 feet from any sewer main, line or lateral; and 150 feet from any seepage pit. If type of absorption field is unknown, the distance shall be 150 feet.

3. This monitoring well permit shall be kept on site at all times while work is in progress.

4. The well shall be drilled in the approved location delineated on the attached map, **Exhibit A**. The well cannot be drilled in any other location without prior approval from Monterey County Health Department, Environmental Health Bureau (EHB) and receipt of an amended permit.

5. Any water well on the premises which is to be abandoned, or which has been abandoned shall be properly destroyed within six months of the completion of this well.

6. Notify the EHB at least 24 hours prior to moving on site.

7. Notify the EHB 24 hours prior to the time you expect to place any seal.

8. If the seal(s) cannot be witnessed by the EHB, a detailed, written description of the seal(s) shall be submitted to the EHB within ten days.

9. Surface construction features of the completed well shall be in accordance with the California Well Standards Bulletin 74-81 and Bulletin 74-90 Section 10.

10. The Owner and Applicant shall defend, indemnify and hold harmless the County and its officers, agents, and employees from and against any and all actions or claims of any description brought on account of approval of this permit or any injury or damages sustained by any person or property resulting from the issuance of the permit or the conduct of the activities authorized under said permit.

11. Issuance of this permit to construct a monitoring well does not create, transfer, assign or acknowledge any legal rights to water associated with this property.

12. Issuance of this permit to construct a monitoring well does not guarantee that the well can be approved for domestic use.

13. A geologic log shall be performed and it shall be submitted to the EHB before the well is sealed. Interpretation of the geologic log including a written water quality report shall be provided by the contractor indicating the best location(s) for sealing off poor quality water and the proposed seal depth. The exact location of sanitary and strata seals shall be approved by the EHB in consultation with the appropriate water management agency, before the well is sealed. The permit applicant may request review of the approved seal depth by a 3rd party licensed hydrogeologist at the applicant's expense if the applicant disagrees with the approved seal depth.

END

City of Salinas

SALINAS

CITY OF SALINAS APPROVED Approved By 05/22/2025 Date DEVELOPMENT ENGINEER

ENCROACHMENT PERMIT & APPLICATION

CITY USE ONLY
PERMIT NO. ENC25-0308 ISSUE DATE: 5/22/2025 EXPIRATION DATE: 11/22/2025
☐ PUBLIC IMPROVEMENT PLANS ☐ 50/50 PROGRAM ☐ FIBER ☐ SMALL CELL (LUMINAIRE) ☐ SMALL CELL (PRIVATE POLE)

☐ CONSTRUCTION - PRIVATE FACILITIES ☐ CONSTRUCTION - PUBLIC FACILITIES ☐ REVISION PERMIT # ☐ OTHER

APPLICANT INFORMATION: Complete all fields

NAME Bradley and Sons Inc. EMAIL
MAILING ADDRESS 3625 S. Highland Ave PHONE
Del Rey Ca. 93616 CELL
PROJECT LOCATION Frontage rd off Sherwood Dr @ Hwy 101 SE. corner
PROJECT DESCRIPTION Installation of Monitoring water well
(Include duration) Four Weeks To Six weeks

CONTRACTOR INFORMATION: Complete all fields

CONTRACTOR NAME Bradley and Sons Inc EMAIL rodb@bradleyandsonsdrilling.com
ADDRESS 3625 S. Highland Ave PHONE 559-441-1401
Del Rey Ca. 93616 ONSITE CONTACT NO 559-994-5703
CONTRACTOR LICENSE 414178 EXPIRATION DATE 3-31-26 TYPE A☐B☒C 57
CITY BUSINESS LICENSE FinbL25-00337 EXPIRATION DATE 6-30-26

ENCROACHMENT TYPE: CHECK AND COMPLETE ALL APPLICABLE FIELDS	INSPECTIONS REQUIRED: CITY USE ONLY	DATE	INITIALS
☐ UTILITIES (LF)	☐ PRE-CONSTRUCTION MEETING		
☐ SIDEWALK (SF)	■ TRAFFIC CONTROL		
☐ CURB & GUTTER (LF)	☐ BASE/SUBGRADE		
☐ ADA RAMP (EA)	☐ FORMS/REBAR		
☐ DRIVEWAY APPROACH (EA)	☐ UTILITIES		
☐ LANE CLOSURE (LF)	☐ SIGNS/STRIPING		
☐ PARKING SPACE CLOSURE (EA)	☐ LANDSCAPING/IRRIGATION		
☐ FIBER (LF)/SMALL CELL (EA)	☐ ASPHALT/CONCRETE		
☒ OTHER well Drilling	■ FINAL INSPECTION		

* INSPECTION SHALL BE REQUESTED 24 HOURS PRIOR TO COMMENCEMENT OF WORK
* EMAIL [illegible] TO SCHEDULE INSPECTIONS
* UNINSPECTED WORK WILL RESULT IN A CITATION AND IS SUBJECT TO BEING REJECTED

ACKNOWLEDGEMENT & SIGNATURE

I understand the State of California Contractors License Requirements
I have read the General Conditions attached to this application and will comply with them, any special conditions and all provisions of the City of Salinas Municipal Code. Note: Applicant must sign and submit Page 5 of Permit Conditions.

Rod Bradley — CONTRACTOR/UTILITY REPRESENTATIVE NAME
Rod Bradley — SIGNATURE
5-9-25 — DATE

April 2024

SPECIAL CONDITIONS OF APPROVAL

A. Design and construction of the encroachment that is the subject of this Permit shall be coordinated with the City of Salinas and all utilities having jurisdiction.

B. Master Plan and Schedule of Work shall be updated weekly.

C. Work site(s) shall have full-time Site Superintendence.

D. 24-hour emergency phone numbers shall be updated as changes occur.

E. Method of trench restoration shall be approved in advance of permit and shall be made an attachment to the permit.

The following to be completed by Public Works staff, as necessary:

F. _____

G. _____

H. _____

I. _____

APPLICANT ACKNOWLEDGEMENT & SIGNATURE

Signature of Permittee or Authorized Representative accepting General Conditions of Approval:

Rod Bradley owner V.P. 5-8-25

Print Name Title Date

Rod Bradley

Signature

Bradley and Sons Inc.

Representing (Name and Address)

Note: Applicant must also sign Encroachment Permit application.

CITY USE ONLY		
Permit No.: BNC25-0308	Issue Date: 05/22/2025	Expiration Date: 11/22/2025

USAN 811

Ticket #: 2025042402740 Revision: 000

Ticket Status: Original
Transmission ID 32
Ticket Type: Normal
Response Required: Yes

Excavator Details

Contact: ROD BRADLEY **Phone:** 559-994-5703 **Mobile:** 559-994-5703
Company: BRADLEY & SON'S DRILLING **Email:** RODB@BRADLEYANDSONSDRILLING.COM
Excavator Type: Contractor (or other professional excavator) **Language:** Not Supplied
Address: 3625 S Highland Ave California 93616 **Excavator ID:** 35420

Dig Site and Ticket Details

Open Map

Latitude/Longitude: 36.685551 -121.647527
GIS coordinate system: WGS84 (WKID 4326)

Previous Ticket #		**Rev.#**	
Submitted	04/24/2025 15:49	**Medium**	CSV
Work Begin Date	05/05/2025 08:00		
Legal Start Date	05/05/2025 08:00		
Ticket Expiration	05/22/2025 23:59		
Work Duration	Longer than 31 days		
Address/Location	SHERWOOD DR		
City/Town/Place	Salinas		
County	Monterey County		
State	CA	**Zip Code**	93906
Nearby Cross Street	SHERWOOD PL		
Subdivision/Lot			
Delineated Method	White Paint		
Work Type	Environmental		
Work Activity	Monitoring Wells Work		
Excavation Method	Drilling - Vertical		
Anticipated Depth	>84 inches		
Boring	No	**Explosive**	No
Street/Sidewalk	No	**Pavement Only**	Yes
Vacuum Excavation	No		
Project Owner	State Land Agency (park/forest/trust/etc)		
Permit			
Job #/Name	SALINAS VALLEY BASIN		
Onsite Contact Name	Caller		
Onsite Contact Phone	5599945703		

Ticket Action Reason:

Excavator Remarks:
644' SW OF INTERSECTION SHERWOOD RD & SHERWOOD PL ON SE SIDE OF THE PAVED ACCESS RD AT GPS 36.685861/-121.647265 GO SW 285' TO GPS 36.685213/-121.647761 (INCLUDE A 25' WIDE PATH FOR ENTIRE DISTANCE)

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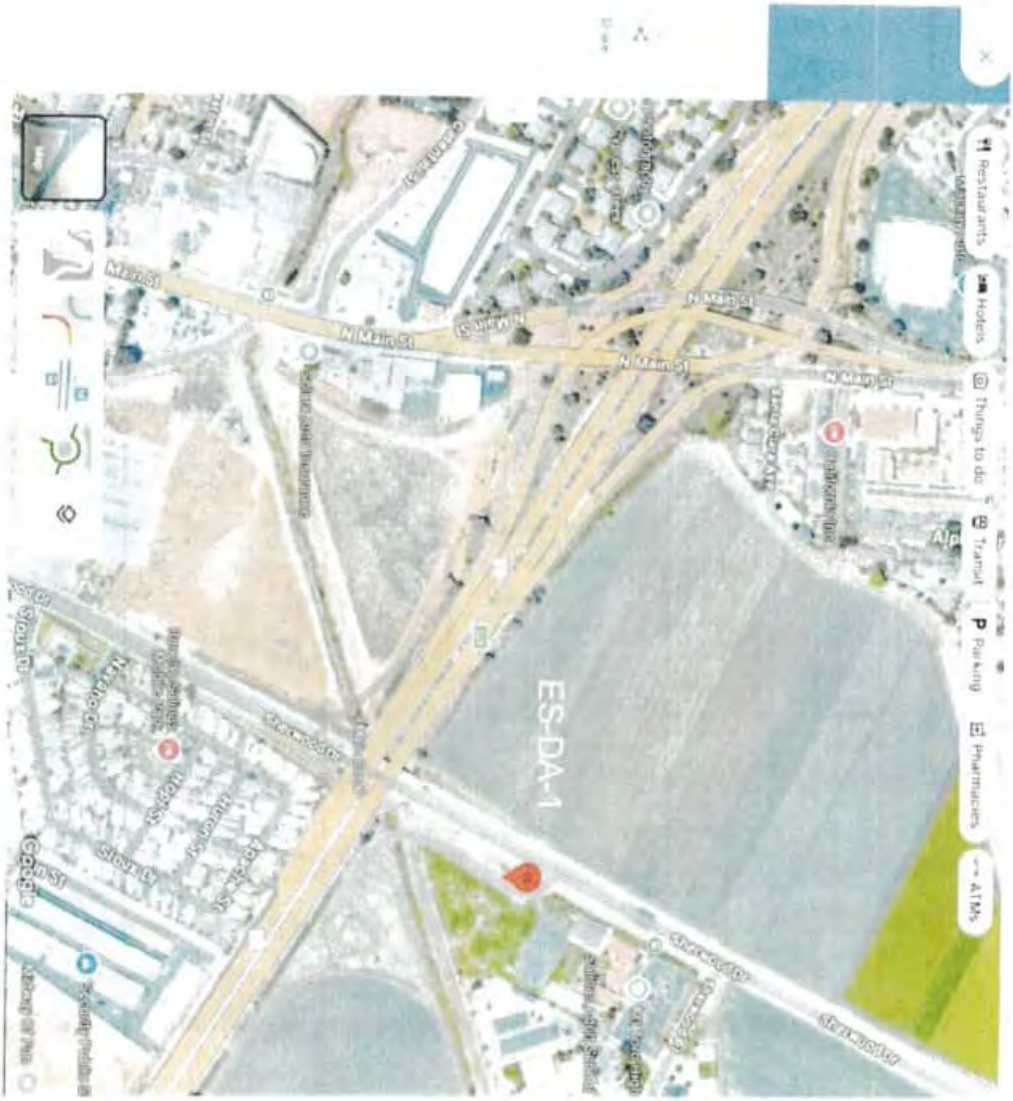
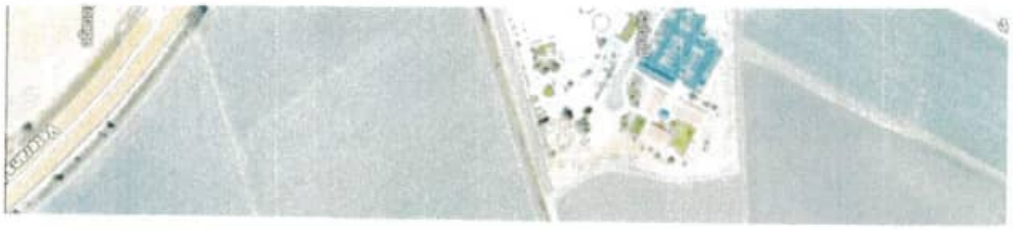
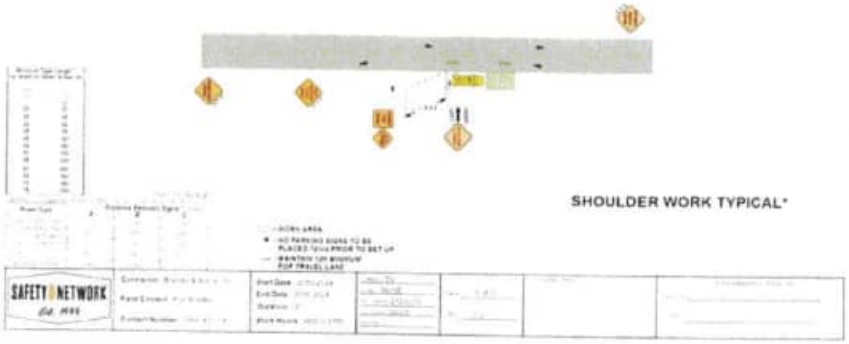




Bindley
2625 S. Highland Ave
Monterey, CA


SHOULDER WORK TYPICAL*
SAFETY NETWORK

MONTEREY COUNTY

DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH BUREAU
1270 Natividad Road
Salinas, CA 93906
(831) 755-4507

MONITORING WELL CONSTRUCTION PERMIT

WELL PERMIT: 26-000019 **ISSUANCE DATE: 7/24/25**

SITE LOCATION: Arroyo Seco F-ISW-1

GPS Coordinates: 36.287750, -121.318104

INTENDED USE: Monitoring Well **EXPIRATION DATE: 7/24/26**

PROPERTY OWNER: Public Works **APN: N/A**

APPLICANT: Salinas Valley Basin Groundwater Sustainability Agency

ADDRESS: PO Box 1350

CITY: Carmel Valley, CA 93924

DRILLING CONTRACTOR: Bradley & Sons Inc. **LICENSE: 414178**

ISSUED BY: _____

Isaiah Tuazon, REHS

PROJECT DESCRIPTION:

This well permit authorizes the construction of a monitoring well subject to the conditions of approval set forth herein.

CONDITIONS OF APPROVAL:

1. Owner, Applicant and any agents working on Owner's or Applicant's behalf (hereafter collectively referred to as "Permittee") shall comply with all requirements set forth in Monterey Code Chapter 15.08 and the California Department of Water Resources California Well Standards Bulletins 74-81 and 74-90 and shall comply with all the conditions of approval of this permit.

2. The well shall be at least 100 feet from any septic tank; any portion of any leach field or animal enclosure; 50 feet from any sewer main, line or lateral; and 150 feet from any seepage pit. If type of absorption field is unknown, the distance shall be 150 feet.

3. This monitoring well permit shall be kept on site at all times while work is in progress.

4. The well shall be drilled in the approved location delineated on the attached map, **Exhibit A.** The well cannot be drilled in any other location without prior approval from Monterey County Health Department, Environmental Health Bureau (EHB) and receipt of an amended permit.

5. Any water well on the premises which is to be abandoned, or which has been abandoned shall be properly destroyed within six months of the completion of this well.

6. Notify the EHB at least 24 hours prior to moving on site.

7. Notify the EHB 24 hours prior to the time you expect to place any seal.

8. If the seal(s) cannot be witnessed by the EHB, a detailed, written description of the seal(s) shall be submitted to the EHB within ten days.

9. Surface construction features of the completed well shall be in accordance with the California Well Standards Bulletin 74-81 and Bulletin 74-90 Section 10.

10. The Owner and Applicant shall defend, indemnify and hold harmless the County and its officers, agents, and employees from and against any and all actions or claims of any description brought on account of approval of this permit or any injury or damages sustained by any person or property resulting from the issuance of the permit or the conduct of the activities authorized under said permit.

11. Issuance of this permit to construct a monitoring well does not create, transfer, assign or acknowledge any legal rights to water associated with this property.

12. Issuance of this permit to construct a monitoring well does not guarantee that the well can be approved for domestic use.

13. An electric log shall be performed and it shall be submitted to the EHB before the well is sealed. Interpretation of the electric log including a written water quality report shall be provided by the contractor indicating the best location(s) for sealing off poor quality water and the proposed seal depth. The exact location of sanitary and strata seals shall be approved by the EHB in consultation with the appropriate water management agency, before the well is sealed. **A geologic log shall be submitted with the electric log.** The permit applicant may request review of the approved seal depth by a 3rd party licensed hydrogeologist at the applicant's expense if the applicant disagrees with the approved seal depth.

END

USAN 811

Ticket #: 2025050701471 Revision: 000

Ticket Status: Original
Transmission ID 1

Ticket Type: Normal
Response Required: Yes

Excavator Details

Contact: ROD BRADLEY
Phone: 559-994-5703
Mobile: 559-994-5703
Company: BRADLEY & SON'S DRILLING
Email: RODB@BRADLEYANDSONSDRILLING.COM
Excavator Type: Contractor (or other professional excavator)
Language: Not Supplied
Address: 3625 S Highland Ave California 93616
Excavator ID: 35420

Dig Site and Ticket Details

Open Map

Latitude/Longitude: 36.287843 -121.318018
GIS coordinate system: WGS84 (WKID 4326)

Previous Ticket #		Rev.#	
Submitted	05/07/2025 11:06	Medium	CSR
Work Begin Date	05/19/2025 08:00		
Legal Start Date	05/19/2025 08:00		
Ticket Expiration	06/04/2025 23:59		
Work Duration	5-7 days		
Address/Location	Arroyo Seco Rd		
City/Town/Place	Soledad		
County	Monterey County		
State	CA	Zip Code	93960
Nearby Cross Street	Elm Ave		
Subdivision/Lot			
Delineated Method	White Paint		
Work Type	Non-residential property work		
Work Activity	Well Work - Drill/Install/Repair/Replace/Abandon		
Excavation Method	Mechanical/Multiple Methods		
Anticipated Depth	>84 inches		
Boring	No	Explosive	No
Street/Sidewalk	No	Pavement Only	No
Vacuum Excavation	No		
Project Owner	Non-member Utility (list in Dig Site Loc. Details)		
Permit			
Job #/Name	F-ISW-1		
Onsite Contact Name	Caller		
Onsite Contact Phone	5599945703		

Ticket Action Reason:

Excavator Remarks:

Begins at a point approx 0.37Mi NE of Elm Ave on the West side of Arroyo Seco Rd at GPS 36.287602, -121.318198, go approx 207ft North to GPS 36.288153, -121.318036, and extend 30ft East into property for entire distance

(Work is for : Salinas Valley Basin Groundwater Sustainability Agency)

COUNTY OF MONTEREY

HOUSING & COMMUNITY DEVELOPMENT - ENGINEERING SERVICES
1441 Schilling Place, 2nd Floor South, Salinas, CA 93901

ENCROACHMENT PERMIT 25EP0197

Notify the Department of Housing & Community Development - Engineering Services
at least 48 hours prior to starting any permit work, excluding weekends and legal holidays.
Contact by phone by calling 831-755-5025 or by email at [illegible]

APPLICATION DATE:	05/07/2025	DISTRICT:	SAN [illegible]
PERMIT ISSUE DATE:	05/16/2025	ASSOCIATED CONSTRUCTION PERMIT:	
PARCEL NO. (if any):	111-111-111-111	UTILITY WORK ORDER:	
PROJECT ADDRESS:	VARIOUS COUNTY ROADS		
LOCATION DESCRIPTION:	ECHO VALLEY DT, RANCHITA CANYON RD, HAHE CANYON RD, BATTLEMEN RD, ELMAVE, ESPINOZA RD AND MISSION RD.		
PERMITTEE:	ROB BRADLEY		
ORGANIZATION:	BRADLEY & SONS, INC.		
PERMITTEE ADDRESS:	9025 S. HIGHLAND AVENUE, DELREY, CA 93615		
PERMITTEE PHONE:	559-441-1401		
PERMITTEE EMAIL:	rob@bradleyandsonsdrilling.com		

In compliance with your request and subject to the existing County Encroachment Ordinance, and to all other terms, conditions, and restrictions written below, printed on or attached to any part of this permit, Permission is hereby granted to:

DRILLING TO INSTALL 10 FOUR INCH MONITORING WELLS TO MONITOR GROUND WATER LEVELS FOR THE SALINAS VALLEY BASIN PROJECT LOCATED ON VARIOUS COUNTY ROADS PER ATTACHED LOCATION MAPS

In order for this encroachment permit to be acknowledged as complete, work shall be in accordance with the above mentioned plan, all pertinent sections of Chapter 14.04 of the Monterey County Code, together with any other applicable provisions of the Monterey County Code, the forms listed below, and other attachments.

Forms:

Unless specified, no permit work or activity is to take place after 12/31/25

CEQA Status:	CEQA Section:	CEQA Class:

Fees Assessed: $2,[illegible]70

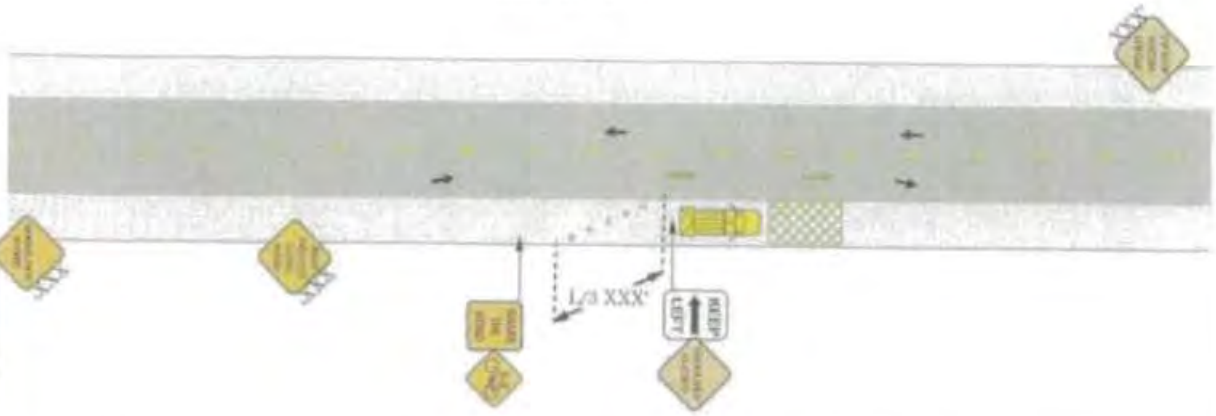
Copy: Permitee Job Site Inspector Fee District Superintendent Finance

Issued: 5/16/2025 12:[illegible]PM

CONTRACTOR TO PROVIDE
ACCESS TO DRIVEWAYS AT
ALL TIMES DURING
CONSTRUCTION

Bradley & Son DRILLING PUMP SYSTEMS

3625 S. Highland Ave.
Monterey, CA



SHOULDER WORK TYPICAL*

*NOT TO SCALE

Road Type			
	250'	250'	250'
	500'	500'	500'
	800'	800'	800'
	1000'	1000'	1000'

WORK AREA

* = NO PARKING SIGNS TO BE PLACED 72hrs PRIOR TO SET UP

= MINIMUM 12ft MINIMUM FOR TRAVEL LANE

SAFETY NETWORK Est. 1999

Contractor: Bradley & Son's, Inc.

Field Contact: Rod Bradley

Contact Number: (831) 441-1401

Start Date: 10/05/2024

End Date: 10/10/2024

Duration: 5d

Work Hours: 9AM to 4PM

Page 1 of 1

Page 1 of 1

MONTEREY COUNTY

DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH BUREAU
1270 Natividad Road
Salinas, CA 93906
(831) 755-4507

MONITORING WELL CONSTRUCTION PERMIT

WELL PERMIT: 26-000045 **ISSUANCE DATE: 7/28/2025**

SITE LOCATION: Herbert Road **EXPIRATION DATE: 7/28/2026**

ES-ISW-1, 36.756957, -121.611294

INTENDED USE: GSA Monitoring Well Project

PROPERTY OWNER: County Road Easement

APPLICANT: SVBGSA (Salinas Valley Basin Groundwater Sustainability Agency)

ADDRESS: P.O. Box 1350 **PHONE: (559) 441-1401**

CITY: Carmel Valley, CA

DRILLING CONTRACTOR: Bradley & Son's Inc. **LICENSE: 414178**

ISSUED BY: CHRISTIE VO

Christie T. Vo, R.E.H.S.

PROJECT DESCRIPTION:

This well permit authorizes the Salinas Valley Basin Groundwater Sustainability Agency (SVBGSA) to install a monitoring well subject to the conditions of approval set forth herein. The project consists of a monitoring well to evaluate hydrological information. The issuance of this permit is exempt from the California Environmental Quality Act pursuant to 14 CCR section 15300.

CONDITION OF APPROVAL:

1. Owner, Applicant and any agents working on Owner's or Applicant's behalf (hereafter collectively referred to as "Permittee") shall comply with all requirements set forth in Monterey Code Chapter 15.08 and the California Department of Water Resources California Well Standards Bulletins 74-81 and 74-90 and shall comply with all the conditions of approval of this permit.

2. The well shall be at least 100 feet from any septic tank; any portion of any leach field or animal enclosure; 50 feet from any sewer main, line or lateral; and 150 feet from any seepage pit. If type of absorption field is unknown, the distance shall be 150 feet.

3. Location of the well shall not prevent the installation, relocation or expansion of the septic system on any adjoining lot.

4. Water well permit shall be kept on site at all times while work is in progress.

5. The well shall be drilled in the approved location delineated on the attached map, **Exhibit A.** The well cannot be drilled in any other location without prior approval from Monterey County Health Department, Environmental Health Bureau (EHB) and receipt of an amended permit.

6. Notify the EHB at least 24 hours prior to moving on site.

7. Notify the EHB 24 hours prior to the time you expect to place any seal.

8. If the seal(s) cannot be witnessed by the EHB, a detailed, written description of the seal(s) shall be submitted to the EHB within ten days.

9. Surface construction features of the completed well shall be in accordance with the California Well Standards Bulletin 74-81 and Bulletin 74-90 Section 10.

10. The Owner and Applicant shall defend, indemnify and hold harmless the County and its officers, agents, and employees from and against any and all actions or claims of any description brought on account of approval of this permit or any injury or damages sustained by any person or property resulting from the issuance of the permit or the conduct of the activities authorized under said permit.

11. Issuance of this permit to construct a water well does not create, transfer, assign or acknowledge any legal rights to water associated with this property.

12. Issuance of this permit to construct a monitoring well does not guarantee that the well can be approved for domestic use.

13. A geologic log shall be performed and it shall be submitted to the EHB to review before the well is sealed. Interpretation of the geologic log shall be provided by the contractor indicating the best location(s) for sealing off poor quality water and the proposed seal depth. The exact location of sanitary and strata seals shall be approved by the EHB in consultation with any appropriate water management agency before the well is sealed. The permit applicant may request review of the approved seal depth by a 3rd party licensed hydrogeologist at the applicant's expense if the applicant disagrees with EHB's decision.

END

IN1230654 Paid 7/18/25

Well Permit # 26-000045 Exhibit A

MONTEREY COUNTY

DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH BUREAU
1270 Natividad Road
Salinas, CA 93906
(831) 755-4507

MONITORING WELL CONSTRUCTION PERMIT

WELL PERMIT: 26-000046 **ISSUANCE DATE: 7/28/2025**

SITE LOCATION: Cattlemen Road **EXPIRATION DATE: 7/28/2026**

UV-ISW-2, 36.054277, -120.922280

INTENDED USE: GSA Monitoring Well Project

PROPERTY OWNER: County Road Easement

APPLICANT: SVBGSA (Salinas Valley Basin Groundwater Sustainability Agency)

ADDRESS: P.O. Box 1350 **PHONE: (559) 441-1401**

CITY: Carmel Valley, CA

DRILLING CONTRACTOR: Bradley & Son's Inc. **LICENSE: 414178**

ISSUED BY: CHRISTIE VO

Christie T. Vo, R.E.H.S.

PROJECT DESCRIPTION:

This well permit authorizes the Salinas Valley Basin Groundwater Sustainability Agency (SVBGSA) to install a monitoring well subject to the conditions of approval set forth herein. The project consists of a monitoring well to evaluate hydrological information. The issuance of this permit is exempt from the California Environmental Quality Act pursuant to 14 CCR section 15300.

CONDITION OF APPROVAL:

1. Owner, Applicant and any agents working on Owner's or Applicant's behalf (hereafter collectively referred to as "Permittee") shall comply with all requirements set forth in Monterey Code Chapter 15.08 and the California Department of Water Resources California Well Standards Bulletins 74-81 and 74-90 and shall comply with all the conditions of approval of this permit.

2. The well shall be at least 100 feet from any septic tank; any portion of any leach field or animal enclosure; 50 feet from any sewer main, line or lateral; and 150 feet from any seepage pit. If type of absorption field is unknown, the distance shall be 150 feet.

3. Location of the well shall not prevent the installation, relocation or expansion of the septic system on any adjoining lot.

4. Water well permit shall be kept on site at all times while work is in progress.

5. The well shall be drilled in the approved location delineated on the attached map, **Exhibit A**. The well cannot be drilled in any other location without prior approval from Monterey County Health Department, Environmental Health Bureau (EHB) and receipt of an amended permit.

6. Notify the EHB at least 24 hours prior to moving on site.

7. Notify the EHB 24 hours prior to the time you expect to place any seal.

8. If the seal(s) cannot be witnessed by the EHB, a detailed, written description of the seal(s) shall be submitted to the EHB within ten days.

9. Surface construction features of the completed well shall be in accordance with the California Well Standards Bulletin 74-81 and Bulletin 74-90 Section 10.

10. The Owner and Applicant shall defend, indemnify and hold harmless the County and its officers, agents, and employees from and against any and all actions or claims of any description brought on account of approval of this permit or any injury or damages sustained by any person or property resulting from the issuance of the permit or the conduct of the activities authorized under said permit.

11. Issuance of this permit to construct a water well does not create, transfer, assign or acknowledge any legal rights to water associated with this property.

12. Issuance of this permit to construct a monitoring well does not guarantee that the well can be approved for domestic use.

13. A geologic log shall be performed and it shall be submitted to the EHB to review before the well is sealed. Interpretation of the geologic log shall be provided by the contractor indicating the best location(s) for sealing off poor quality water and the proposed seal depth. The exact location of sanitary and strata seals shall be approved by the EHB in consultation with any appropriate water management agency before the well is sealed. The permit applicant may request review of the approved seal depth by a 3rd party licensed hydrogeologist at the applicant's expense if the applicant disagrees with EHB's decision.

END

IN1230657 Paid 7/18/25

Well Permit # 26-000046 Exhibit A

MONTEREY COUNTY

DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH BUREAU
1270 Natividad Road
Salinas, CA 93906
(831) 755-4507

MONITORING WELL CONSTRUCTION PERMIT

WELL PERMIT: 26-000047 **ISSUANCE DATE: 7/24/25**

SITE LOCATION: F-DA-1 Foothill Road

GPS Coordinates: 36.392702, -121.367680

INTENDED USE: Monitoring Well **EXPIRATION DATE: 7/24/26**

PROPERTY OWNER: Public Works **APN: N/A**

APPLICANT: Salinas Valley Basin Groundwater Sustainability Agency

ADDRESS: PO Box 1350

CITY: Carmel Valley, CA 93924

DRILLING CONTRACTOR: Bradley & Sons Inc. **LICENSE: 414178**

ISSUED BY: _____

Isaiah Tuazon, REHS

PROJECT DESCRIPTION:

This well permit authorizes the construction of a monitoring well subject to the conditions of approval set forth herein.

CONDITIONS OF APPROVAL:

1. Owner, Applicant and any agents working on Owner's or Applicant's behalf (hereafter collectively referred to as "Permittee") shall comply with all requirements set forth in Monterey Code Chapter 15.08 and the California Department of Water Resources California Well Standards Bulletins 74-81 and 74-90 and shall comply with all the conditions of approval of this permit.

2. The well shall be at least 100 feet from any septic tank; any portion of any leach field or animal enclosure; 50 feet from any sewer main, line or lateral; and 150 feet from any seepage pit. If type of absorption field is unknown, the distance shall be 150 feet.

3. This monitoring well permit shall be kept on site at all times while work is in progress.

4. The well shall be drilled in the approved location delineated on the attached map, **Exhibit A.** The well cannot be drilled in any other location without prior approval from Monterey County Health Department, Environmental Health Bureau (EHB) and receipt of an amended permit.

5. Any water well on the premises which is to be abandoned, or which has been abandoned shall be properly destroyed within six months of the completion of this well.

6. Notify the EHB at least 24 hours prior to moving on site.

7. Notify the EHB 24 hours prior to the time you expect to place any seal.

8. If the seal(s) cannot be witnessed by the EHB, a detailed, written description of the seal(s) shall be submitted to the EHB within ten days.

9. Surface construction features of the completed well shall be in accordance with the California Well Standards Bulletin 74-81 and Bulletin 74-90 Section 10.

10. The Owner and Applicant shall defend, indemnify and hold harmless the County and its officers, agents, and employees from and against any and all actions or claims of any description brought on account of approval of this permit or any injury or damages sustained by any person or property resulting from the issuance of the permit or the conduct of the activities authorized under said permit.

11. Issuance of this permit to construct a monitoring well does not create, transfer, assign or acknowledge any legal rights to water associated with this property.

12. Issuance of this permit to construct a monitoring well does not guarantee that the well can be approved for domestic use.

13. An electric log shall be performed and it shall be submitted to the EHB before the well is sealed. Interpretation of the electric log including a written water quality report shall be provided by the contractor indicating the best location(s) for sealing off poor quality water and the proposed seal depth. The exact location of sanitary and strata seals shall be approved by the EHB in consultation with the appropriate water management agency, before the well is sealed. **A geologic log shall be submitted with the electric log**. The permit applicant may request review of the approved seal depth by a 3rd party licensed hydrogeologist at the applicant's expense if the applicant disagrees with the approved seal depth.

END

USAN

Ticket #: 2025050701556 Revision: 000

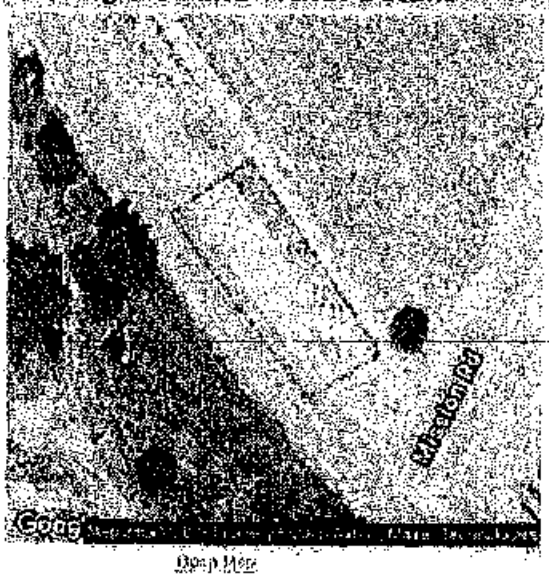
Ticket Status: Original
Transmission ID: 92

Ticket Type: Normal
Response Required: Yes

Excavator Details

Contact: ROD BRADLEY
Phone: 559-904-5703
Mobile: 559-904-5703
Company: BRADLEY & SON'S DRILLING
Email: RODB@BRADLEYANDSONSDRILLING.COM
Excavator Type: Contractor (or other professional excavator)
Language: Not Supplied
Address: 3625 S Highland Ave
California 93610
Excavator ID: 35120

Dig Site and Ticket Details



Open Map

Latitude/Longitude: 35.[illegible] -104.[illegible]
GPS coordinate system: WGS84 (WGS 84)

Previous Ticket #		Rev.#	
Submitted	05/07/2025 11:31	Method	FAX
Work Begin Date	05/12/2025 06:00		
Legal Start Date	05/10/2025 08:00		
Ticket Expiration	06/04/2025 23:59		
Work Duration	45-52 days		
Address/Location	Highland		
City/Town/Place	Selma		
County	Hughes County		
State	CA	Zip Code	93610
Nearby Cross Street	Mason Rd		
Subdivision/Lot			
Delineated Method	White Paint		
Work Type	Service/Utility property work		
Work Activity	Vac Work - Potholes/Re-Leveling/Replacement/Abandon		
Excavation Method	Mechanical/Vacuum Hybrids		
Anticipated Depth	24 inches		
Boring	No	Explosive	No
Street/Sidewalk	Yes	Pavement Only	No
Vacuum Excavation	No		
Project Owner	Non-Utility Owner (not in Dig Site ticketing)		
Permit			
Job #/Name	F20A-1		
Onsite Contact Name	Cole		
Onsite Contact Phone	559-[illegible]		

Ticket Action Reason:

Excavator Remarks:

[illegible]

(Work Site: Kaweah Valley Basin Groundwater Sustainability Agency)

CONTRACTOR TO PROVIDE
ACCESS TO DRIVEWAYS AT
ALL TIMES DURING
CONSTRUCTION

Bradley & Sons DRILLING PUMP SYSTEMS

3625 S. Highland Ave.
Monterey, CA

SHOULDER WORK TYPICAL*

NOT TO SCALE

Road Type	A	B	C
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

WORK AREA
* = NO PARKING SIGNS TO BE PLACED 72hrs PRIOR TO SET UP
= MAINTAIN 12ft MINIMUM FOR TRAVEL LANE

SAFETY NETWORK Est. 1999

Contractor: Bradley & Sons, Inc.
Field Contact: Rod Bradley
Contact Number: (831) 443-1401

Start Date: 00/00/0000
End Date: 00/00/0000
Duration: 00
Work Hours: 0000 to 0PM

Page 1 of 1

Acknowledgement of Approval
Signature:
Date:

COUNTY OF MONTEREY

HOUSING & COMMUNITY DEVELOPMENT - ENGINEERING SERVICES
1441 Schilling Place, 2nd Floor-South, Salinas, CA 93901

ENCROACHMENT PERMIT 25EP0197

Notify the Department of Housing & Community Development - Engineering Services
at least 48 hours prior to starting any permit work, excluding weekends and legal holidays.
Contact by phone by calling 831-755-5025 or by email at encroachment@co.monterey.ca.us

APPLICATION DATE: 05/07/2025 **DISTRICT:** 5-All Districts
PERMIT ISSUE DATE: 05/16/2025 **ASSOCIATED CONSTRUCTION PERMIT:**
PARCEL NO. (if any): 111-111-111-111 **UTILITY WORK ORDER:**
PROJECT ADDRESS: VARIOUS COUNTY ROADS
LOCATION DESCRIPTION: ECHO VALLEY CT, RANCHITA CANYON RD, HARE CANYON RD, CATTLEMEN RD, ELM AVE, ESPINOZA RD AND MISSION RD. REVISED TO INCLUDE CAMPHORA RD, HERBERT RD, ARROYO SECO RD, SAN BENANCIO RD AND SAN JUAN GRADE RD.
PERMITTEE: ROD BRADLEY
ORGANIZATION: BRADLEY & SON'S, INC.
PERMITTEE ADDRESS: 3625 S. HIGHLAND AVENUE, DEL REY, CA 93616
PERMITTEE PHONE: 559-441-1401
PERMITTEE EMAIL: rodb@bradleyandsonsdrilling.com

In compliance with your request and subject to the existing County Encroachment Ordinance, and to all other terms, conditions, and restrictions written below, printed on or attached to any part of this permit, Permission is hereby granted to:

DRILLING TO INSTALL (8) FOUR INCH MONITORING WELLS TO MONITOR GROUND WATER LEVELS FOR THE SALINAS VALLEY BASIN PROJECT LOCATED ON VARIOUS COUNTY ROADS PER ATTACHED LOCATION MAPS.

In order for this encroachment permit to be acknowledged as complete, work shall be in accordance with the above mentioned plan, all pertinent sections of Chapter 14.04 of the Monterey County Code, together with any other applicable provisions of the Monterey County Code, the forms listed below, and other attachments:

Forms

Unless specified, no permit work or activity is to take place after: ***12/31/25***

CEQA Status: **CEQA Section:** **CEQA Class:**

Fees Assessed: $2,328.70

Copy: Permittee Job Site Inspector File District Superintendent Finance

Printed: 6/18/2025 2:07:07PM

"ENCROACHMENT" includes any structure or object of any kind or character placed, without authority of law, either in, on, under, or over any County highway.

GENERAL CONDITIONS FROM MONTEREY COUNTY CODE - CHAPTER 14.04

An ordinance to protect the County highways and works incidental thereto by regulating their excavation and encroachment.

Sec.14.04 .010 "County highway" means and includes all or any part of the entire width of right-of-way of any road, street, land, alley, way, place, or cul-de-sac maintained by the County and open to the use of the public for purposes of travel, whether or not such entire width is actually used for highway purposes, and whether or not it has been accepted into the County road system by resolution of the County Board of Supervisors. It also includes bridges, culverts, curbs, drains, ditches, and all works incidental to County highway construction, improvement, and maintenance.

Sec.14.04 .020 A - When satisfied an applicant's right or necessity, the Public Works Director may issue to him or her, a writing permit, which shall not be transferable, authorizing him or her to do any of the following acts:
1. Make an opening or excavation for any purpose in any County highway;
2. Place, change, or renew an encroachment;
3. Construct, grade, or place any driveway within a County highway; but no driveway shall be located within any portion of the normal curve returns of any intersection;
4. Plant, remove, cut, cut down, injure or destroy any tree/shrub/plant/flower growing within any County highway. (Ord. 1162 § 6, 1960)

Sec.14.04 .070 A - This Chapter shall not be construed to prohibit any act for which a permit is required when the performance of such act is reasonably necessary for the preservation of life or property in an emergency. In all such cases, however, the person performing such act shall promptly notify the Public Works Director and shall apply for a permit therefor at the earliest practicable time thereafter, in any event not later than the next succeeding day during which the office of the Public Works Director is open.
B - Any person who violates any of the provisions of this Section is guilty of a misdemeanor. (Ord. 1162 § 11, 1960)

Sec.14.04 .100 The Public Works Director may, but is not required to, supervise any work done under any permit issued under the County, but no cost of supervision shall be charged by the Public Works Director to any public Agency. (Ord. 1162 § 11, 1960)

Sec.14.04 .110 A - Every permittee shall:
1. Notify the Public Works Director at least forty-eight (48) hours, exclusive of Saturdays, Sundays, and legal holidays, before starting any permit work;
2. Keep his or her permit, or a copy thereof, at the site of the permit work at all times when he or she is actually engaged in work thereat, and exhibit it to the Public Works Director, or his or her representative or any peace officer, upon demand;
3. Promptly remove all refuse, debris, equipment, and excess material from the site of the permit work upon its completion, and leave the premises in as presentable a condition as before the work started;
4. Place and maintain suitable warning lights, signs, barriers, devices, or flagmen, which be the types specified in Section 21406 of the California Vehicle Code;
5. Deliver to the Public Works Director, upon his or her demand, after the completion of any permit work, a plan or drawing showing locations and details of permitted encroachments and connections, if any, to existing structures where such encroachments and connections differ substantially from any plats and diagrams submitted with the application for a permit;
6. In every case where he or she has disturbed the existing surface of a County highway, replace, repair or restore such highway in accordance with the terms of his or her permit. In case his or her permit contains no such terms, then he or she shall do such replacing, repairing, or restoring at his or her own expense promptly upon completion of his or her permit work, in a good and workmanlike manner as directed by the applicable provisions of this Chapter, to as good condition as before the permit work started; provided, however, that if the surface which was disturbed was a bituminous-surfaced roadway, such surface shall be replaced, repaired or restored with not less than one and one-half inches, compacted in thickness, of asphaltic concrete surfacing, over a minimum of six inches, compacted, in depth, of aggregate base material of a type approved by the Public Works Director;

7. Comply with all of the terms and conditions of his or her permit;
8. Comply with all construction standards and methods specified in this Chapter;
9. Store, place or deposit no material within five feet (5') from the edge of the pavement or traveled way or within the shoulder line, where the shoulders are wider than five feet (5'), of any County highway, without the prior approval of the Public Works Director;
10. Diligently pursue the permit work in such a way as not to cause an unreasonable interference or inconvenience to the traveling public.

Sec.14.04.120 A - Unless the permit provides otherwise: All permit work shall conform to the following specifications as may be designated by the permit:
1. The Standard Specifications of the Department of Public Works of the State of California;
2. The Special Provisions for Encroachment Work, on file in the office of the Public Works Director.

Sec.14.04.125 Indemnity and hold harmless: an applicant shall agree to indemnify, defend, and save harmless the County, its officers, agents and employees, from and against any and all claims and losses whatsoever accruing or resulting to any and all persons, firms or corporations, and public and private property in connection with the encroachment or the conduct of the special event, unless arising out of the sole negligence or willful misconduct of the County. (Ord. 3889, 1996)

Sec.14.04.160 The Public works Director may, in the manner provided in this section, require and enforce the removal of any of the things authorized by Subsection A of this Section, when, in his or her opinion, any of said things are so placed or done as to constitute a traffic hazard, or to interfere with normal highway maintenance, or otherwise to violate any of the conditions under which said things are authorized. (Ord. 3889, 1996; Ord. § 7, 1960)

MONTEREY COUNTY

DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH BUREAU
1270 Natividad Road
Salinas, CA 93906
(831) 755-4507

MONITORING WELL CONSTRUCTION PERMIT

WELL PERMIT: 26-000051 **ISSUANCE DATE: 7/28/2025**

SITE LOCATION: Elm Street **EXPIRATION DATE: 7/28/2026**

F-ISW-2, 36.339414, -121.202005

INTENDED USE: GSA Monitoring Well Project

PROPERTY OWNER: County Road Easement

APPLICANT: SVBGSA (Salinas Valley Basin Groundwater Sustainability Agency)

ADDRESS: P.O. Box 1350 **PHONE: (559) 441-1401**

CITY: Carmel Valley, CA

DRILLING CONTRACTOR: Bradley & Son's Inc. **LICENSE: 414178**

ISSUED BY:_____

Christie T. Vo, R.E.H.S.

PROJECT DESCRIPTION:

This well permit authorizes the Salinas Valley Basin Groundwater Sustainability Agency (SVBGSA) to install a monitoring well subject to the conditions of approval set forth herein. The project consists of a monitoring well to evaluate hydrological information. The issuance of this permit is exempt from the California Environmental Quality Act pursuant to 14 CCR section 15300.

CONDITION OF APPROVAL:

1. Owner, Applicant and any agents working on Owner's or Applicant's behalf (hereafter collectively referred to as "Permittee") shall comply with all requirements set forth in Monterey Code Chapter 15.08 and the California Department of Water Resources California Well Standards Bulletins 74-81 and 74-90 and shall comply with all the conditions of approval of this permit.

2. The well shall be at least 100 feet from any septic tank; any portion of any leach field or animal enclosure; 50 feet from any sewer main, line or lateral; and 150 feet from any seepage pit. If type of absorption field is unknown, the distance shall be 150 feet.

3. Location of the well shall not prevent the installation, relocation or expansion of the septic system on any adjoining lot.

4. Water well permit shall be kept on site at all times while work is in progress.

5. The well shall be drilled in the approved location delineated on the attached map, **Exhibit A**. The well cannot be drilled in any other location without prior approval from Monterey County Health Department, Environmental Health Bureau (EHB) and receipt of an amended permit.

6. Notify the EHB at least 24 hours prior to moving on site.

7. Notify the EHB 24 hours prior to the time you expect to place any seal.

8. If the seal(s) cannot be witnessed by the EHB, a detailed, written description of the seal(s) shall be submitted to the EHB within ten days.

9. Surface construction features of the completed well shall be in accordance with the California Well Standards Bulletin 74-81 and Bulletin 74-90 Section 10.

10. The Owner and Applicant shall defend, indemnify and hold harmless the County and its officers, agents, and employees from and against any and all actions or claims of any description brought on account of approval of this permit or any injury or damages sustained by any person or property resulting from the issuance of the permit or the conduct of the activities authorized under said permit.

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END

IN1230685 Paid 7/22/25

Well Permit # 26-000051 Exhibit A

GPS Coordinates: 36.339414, -121.202005

MONTEREY COUNTY

DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH BUREAU
1270 Natividad Road
Salinas, CA 93906
(831) 755-4507

MONITORING WELL CONSTRUCTION PERMIT

WELL PERMIT: 26-000052 **ISSUANCE DATE: 7/28/2025**

SITE LOCATION: Camphora Road **EXPIRATION DATE: 7/28/2026**

F-ISW-3, 36.443544, -121.394113

INTENDED USE: GSA Monitoring Well Project

PROPERTY OWNER: County Road Easement

APPLICANT: SVBGSA (Salinas Valley Basin Groundwater Sustainability Agency)

ADDRESS: P.O. Box 1350 **PHONE: (559) 441-1401**

CITY: Carmel Valley, CA

DRILLING CONTRACTOR: Bradley & Son's Inc. **LICENSE: 414178**

ISSUED BY: CHRISTIE VO

Christie T. Vo, R.E.H.S.

PROJECT DESCRIPTION:

This well permit authorizes the Salinas Valley Basin Groundwater Sustainability Agency (SVBGSA) to install a monitoring well subject to the conditions of approval set forth herein. The project consists of a monitoring well to evaluate hydrological information. The issuance of this permit is exempt from the California Environmental Quality Act pursuant to 14 CCR section 15300.

CONDITION OF APPROVAL:

1. Owner, Applicant and any agents working on Owner's or Applicant's behalf (hereafter collectively referred to as "Permittee") shall comply with all requirements set forth in Monterey Code Chapter 15.08 and the California Department of Water Resources California Well Standards Bulletins 74-81 and 74-90 and shall comply with all the conditions of approval of this permit.

2. The well shall be at least 100 feet from any septic tank; any portion of any leach field or animal enclosure; 50 feet from any sewer main, line or lateral; and 150 feet from any seepage pit. If type of absorption field is unknown, the distance shall be 150 feet.

3. Location of the well shall not prevent the installation, relocation or expansion of the septic system on any adjoining lot.

4. Water well permit shall be kept on site at all times while work is in progress.

5. The well shall be drilled in the approved location delineated on the attached map, **Exhibit A**. The well cannot be drilled in any other location without prior approval from Monterey County Health Department, Environmental Health Bureau (EHB) and receipt of an amended permit.

6. Notify the EHB at least 24 hours prior to moving on site.

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8. If the seal(s) cannot be witnessed by the EHB, a detailed, written description of the seal(s) shall be submitted to the EHB within ten days.

9. Surface construction features of the completed well shall be in accordance with the California Well Standards Bulletin 74-81 and Bulletin 74-90 Section 10.

10. The Owner and Applicant shall defend, indemnify and hold harmless the County and its officers, agents, and employees from and against any and all actions or claims of any description brought on account of approval of this permit or any injury or damages sustained by any person or property resulting from the issuance of the permit or the conduct of the activities authorized under said permit.

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END

IN1230691 Paid 7/22/25

Well Permit # 26-000052, Exhibit A

GPS Coordinates: 36.443544, - 121.394113

MONTEREY COUNTY

DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH BUREAU
1270 Natividad Road
Salinas, CA 93906
(831) 755-4507

MONITORING WELL CONSTRUCTION PERMIT

WELL PERMIT: 25-000487 **ISSUANCE DATE: 5/23/25**

SITE LOCATION: Dead end of Echo Valley Ct. **EXPIRATION DATE: 5/23/26**

L-GWL-4, 36.8219430, -121.6312430

INTENDED USE: GSA Monitoring Well Project

PROPERTY OWNER: County Road Easement

APPLICANT: SVBGSA (Salinas Valley Basin Groundwater Sustainability Agency)

ADDRESS: P.O. Box 1350 **PHONE: (559) 441-1401**

CITY: Carmel Valley, CA

DRILLING CONTRACTOR: Bradley & Son's Inc. **LICENSE: 414178**

ISSUED BY: Christie Vo

Christie T. Vo, R.E.H.S.

PROJECT DESCRIPTION:

This well permit authorizes the Salinas Valley Basin Groundwater Sustainability Agency (SVBGSA) to install a monitoring well subject to the conditions of approval set forth herein. The project consists of a monitoring well to evaluate hydrological information. The issuance of this permit is exempt from the California Environmental Quality Act pursuant to 14 CCR section 15300.

CONDITION OF APPROVAL:

1. Owner, Applicant and any agents working on Owner's or Applicant's behalf (hereafter collectively referred to as "Permittee") shall comply with all requirements set forth in Monterey Code Chapter 15.08 and the California Department of Water Resources California Well Standards Bulletins 74-81 and 74-90 and shall comply with all the conditions of approval of this permit.

2. The well shall be at least 100 feet from any septic tank; any portion of any leach field or animal enclosure; 50 feet from any sewer main, line or lateral; and 150 feet from any seepage pit. If type of absorption field is unknown, the distance shall be 150 feet.

Well permit #25-000487
Owner: County Road Easement

3. Location of the well shall not prevent the installation, relocation or expansion of the septic system on any adjoining lot.

4. Water well permit shall be kept on site at all times while work is in progress.

5. The well shall be drilled in the approved location delineated on the attached map, **Exhibit A.** The well cannot be drilled in any other location without prior approval from Monterey County Health Department, Environmental Health Bureau (EHB) and receipt of an amended permit.

6. Notify the EHB at least 24 hours prior to moving on site.

7. Notify the EHB 24 hours prior to the time you expect to place any seal.

8. If the seal(s) cannot be witnessed by the EHB, a detailed, written description of the seal(s) shall be submitted to the EHB within ten days.

9. Surface construction features of the completed well shall be in accordance with the California Well Standards Bulletin 74-81 and Bulletin 74-90 Section 10.

10. The Owner and Applicant shall defend, indemnify and hold harmless the County and its officers, agents, and employees from and against any and all actions or claims of any description brought on account of approval of this permit or any injury or damages sustained by any person or property resulting from the issuance of the permit or the conduct of the activities authorized under said permit.

11. Issuance of this permit to construct a water well does not create, transfer, assign or acknowledge any legal rights to water associated with this property.

12. Issuance of this permit to construct a monitoring well does not guarantee that the well can be approved for domestic use.

13. A geologic log shall be performed and it shall be submitted to the EHB to review before the well is sealed. Interpretation of the geologic log shall be provided by the contractor indicating the best location(s) for sealing off poor quality water and the proposed seal depth. The exact location of sanitary and strata seals shall be approved by the EHB in consultation with any appropriate water management agency before the well is sealed. The permit applicant may request review of the approved seal depth by a 3rd party licensed hydrogeologist at the applicant's expense if the applicant disagrees with EHB's decision.

END

IN1228338 Paid 5/21/25

Well Permit # 25 - 000487 Exhibit A

127-211-005

MONTEREY COUNTY

DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH BUREAU
1270 Natividad Road
Salinas, CA 93906
(831) 755-4507

MONITORING WELL CONSTRUCTION PERMIT

WELL PERMIT: 25-000531 **ISSUANCE DATE: 6/25/2025**

SITE LOCATION: San Juan Grade Road **EXPIRATION DATE: 6/25/2026**

L-GWL-1, 36.787588, -121.589266

INTENDED USE: GSA Monitoring Well Project

PROPERTY OWNER: County Road Easement

APPLICANT: SVBGSA (Salinas Valley Basin Groundwater Sustainability Agency)

ADDRESS: P.O. Box 1350 **PHONE: (559) 441-1401**

CITY: Carmel Valley, CA

DRILLING CONTRACTOR: Bradley & Son's Inc. **LICENSE: 414178**

ISSUED BY: CHRISTIE VO

Christie T. Vo, R.E.H.S.

PROJECT DESCRIPTION:

This well permit authorizes the Salinas Valley Basin Groundwater Sustainability Agency (SVBGSA) to install a monitoring well subject to the conditions of approval set forth herein. The project consists of a monitoring well to evaluate hydrological information. The issuance of this permit is exempt from the California Environmental Quality Act pursuant to 14 CCR section 15300.

CONDITION OF APPROVAL:

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2. The well shall be at least 100 feet from any septic tank; any portion of any leach field or animal enclosure; 50 feet from any sewer main, line or lateral; and 150 feet from any seepage pit. If type of absorption field is unknown, the distance shall be 150 feet.

3. Location of the well shall not prevent the installation, relocation or expansion of the septic system on any adjoining lot.

4. Water well permit shall be kept on site at all times while work is in progress.

5. The well shall be drilled in the approved location delineated on the attached map, **Exhibit A**. The well cannot be drilled in any other location without prior approval from Monterey County Health Department, Environmental Health Bureau (EHB) and receipt of an amended permit.

6. Notify the EHB at least 24 hours prior to moving on site.

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8. If the seal(s) cannot be witnessed by the EHB, a detailed, written description of the seal(s) shall be submitted to the EHB within ten days.

9. Surface construction features of the completed well shall be in accordance with the California Well Standards Bulletin 74-81 and Bulletin 74-90 Section 10.

10. The Owner and Applicant shall defend, indemnify and hold harmless the County and its officers, agents, and employees from and against any and all actions or claims of any description brought on account of approval of this permit or any injury or damages sustained by any person or property resulting from the issuance of the permit or the conduct of the activities authorized under said permit.

11. Issuance of this permit to construct a water well does not create, transfer, assign or acknowledge any legal rights to water associated with this property.

12. Issuance of this permit to construct a monitoring well does not guarantee that the well can be approved for domestic use.

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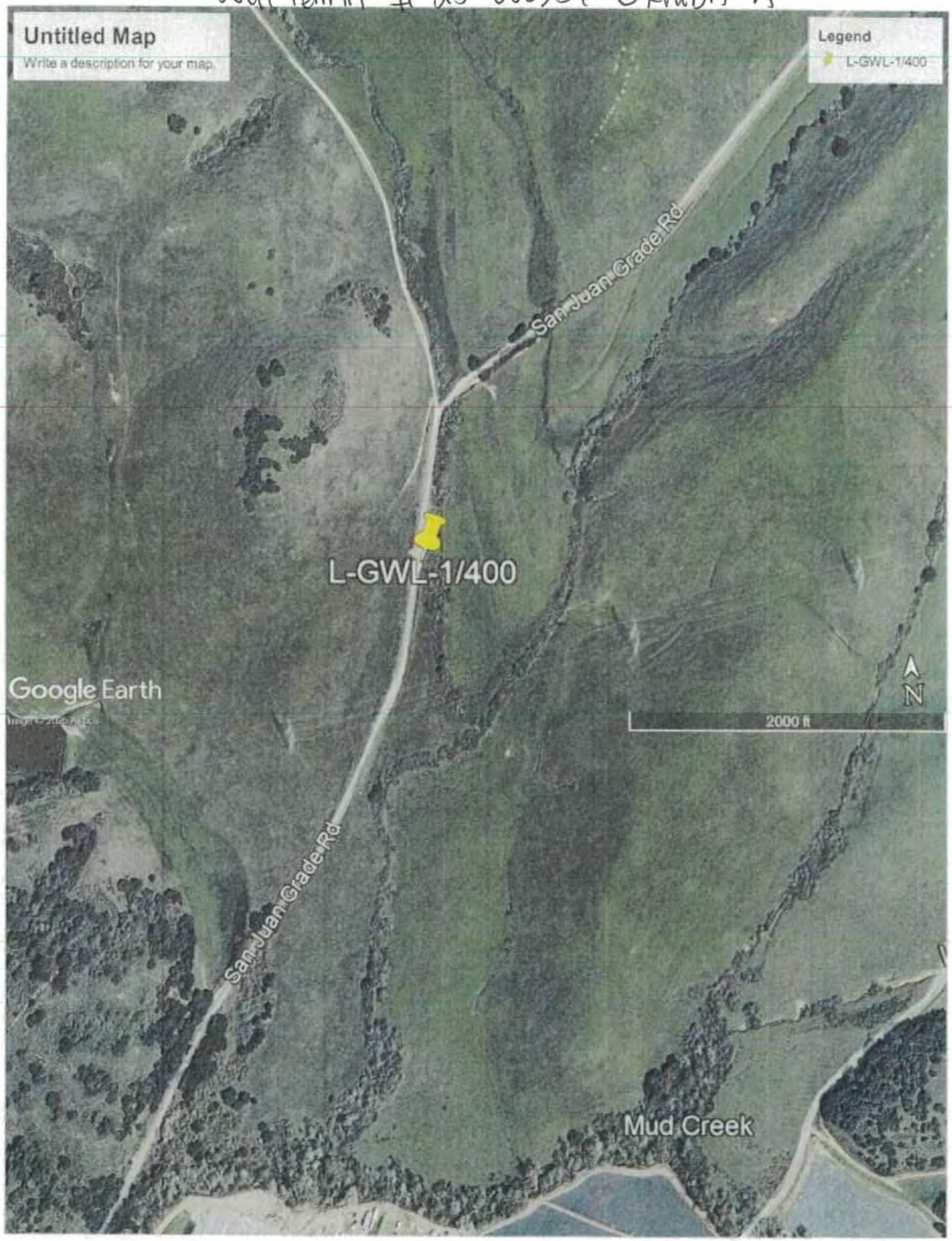
END

IN1229154 Paid 6/18/25

Well Permit # 25-000351 Exhibit A



MONTEREY COUNTY

DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH BUREAU
1270 Natividad Road
Salinas, CA 93906
(831) 755-4507

MONITORING WELL CONSTRUCTION PERMIT

WELL PERMIT: 26-000099 **ISSUANCE DATE: 8/8/2025**

SITE LOCATION: Ranchita Canyon Road **EXPIRATION DATE: 8/8/2026**

UV-GWL-2, 35.805837, -120.559745

INTENDED USE: GSA Monitoring Well Project

PROPERTY OWNER: County Road Easement

APPLICANT: SVBGSA (Salinas Valley Basin Groundwater Sustainability Agency)

ADDRESS: P.O. Box 1350 **PHONE: (559) 441-1401**

CITY: Carmel Valley, CA

DRILLING CONTRACTOR: Bradley & Son's Inc. **LICENSE: 414178**

ISSUED BY: CHRISTIE VO

Christie T. Vo, R.E.H.S.

PROJECT DESCRIPTION:

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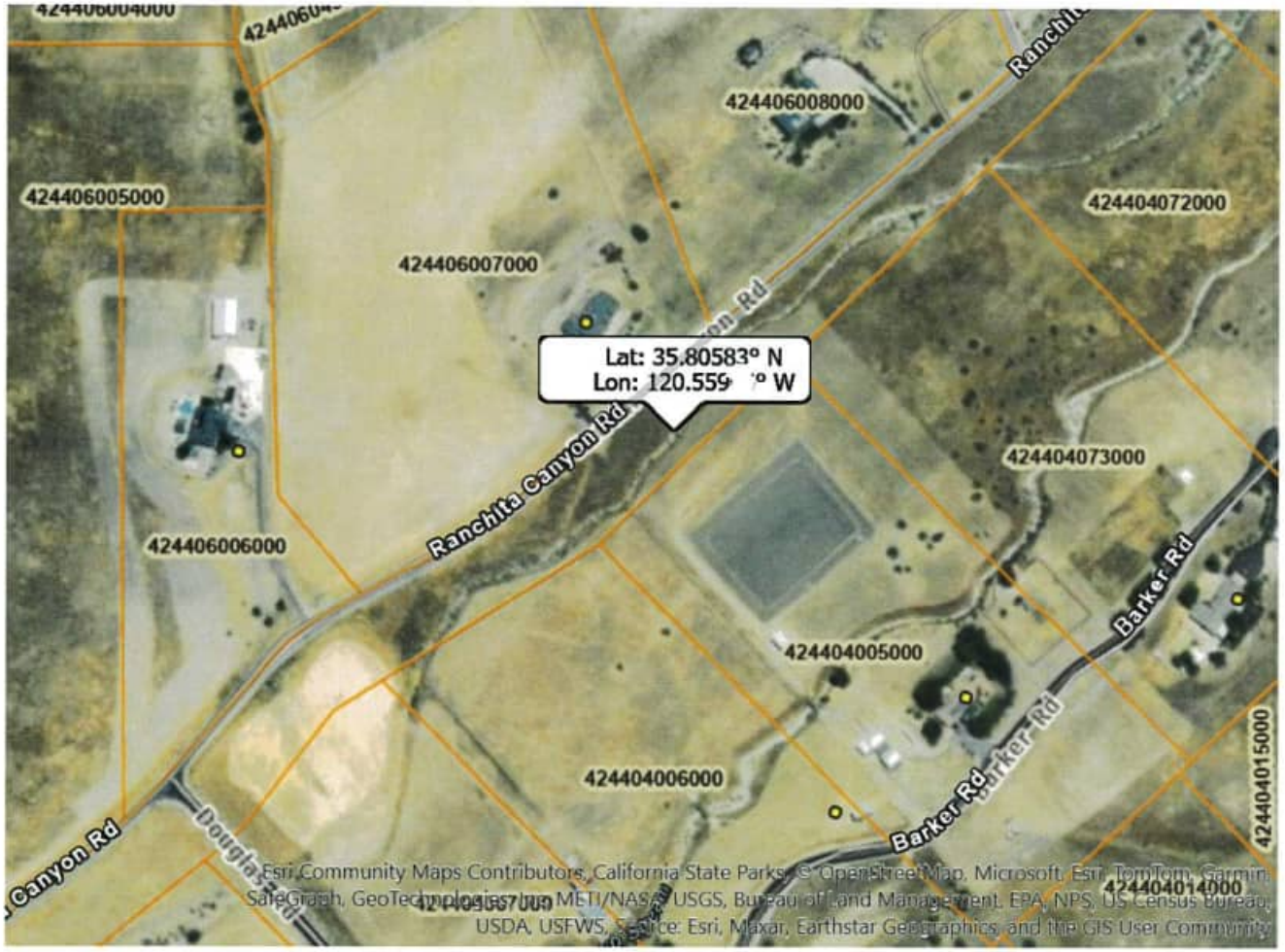
END

IN1231095 Paid 8/6/25

Well Permit # 26-000099
Exhibit A



MONTEREY COUNTY

DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH BUREAU
1270 Natividad Road
Salinas, CA 93906
(831) 755-4507

MONITORING WELL CONSTRUCTION PERMIT

WELL PERMIT: 26-000100 **ISSUANCE DATE: 8/8/2025**

SITE LOCATION: Hare Canyon Road **EXPIRATION DATE: 8/8/2026**

UV-GWL-3, 35.886645, -120.742764

INTENDED USE: GSA Monitoring Well Project

PROPERTY OWNER: County Road Easement

APPLICANT: SVBGSA (Salinas Valley Basin Groundwater Sustainability Agency)

ADDRESS: P.O. Box 1350 **PHONE: (559) 441-1401**

CITY: Carmel Valley, CA

DRILLING CONTRACTOR: Bradley & Son's Inc. **LICENSE: 414178**

ISSUED BY: CHRISTIE VO

Christie T. Vo, R.E.H.S.

PROJECT DESCRIPTION:

This well permit authorizes the Salinas Valley Basin Groundwater Sustainability Agency (SVBGSA) to install a monitoring well subject to the conditions of approval set forth herein. The project consists of a monitoring well to evaluate hydrological information. The issuance of this permit is exempt from the California Environmental Quality Act pursuant to 14 CCR section 15300.

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END

IN1231106 Paid 8/6/25

Well Permit # 26-000100

Exhibit A

PACIFIC SURVEYS

ELECTRIC LOG
GAMMA RAY

Job No.	33475
Company	BRADLEY & SONS, INC.
Well	L-GWL-1
Field	SALINAS
File No	
County	MONTEREY
State	CA

Location

0.5 MI. NE OF 1056 SAN JUAN GRADE RD.
GPS: 36.7875715 -121.5892741

Sec. Twp. Rge.

Other Services

CALIPER/BHV

Permanent Datum	G.L.		Elevation above perm. datum	Elevation K.B. D.F. G.L.
Log Measured From	G.L.	0'		
Drilling Measured From	G.L.			

Date	7/16/25
Run Number	ONE
Depth Driller	171'
Depth Logger	171'
Bottom Logged Interval	171'
Top Log Interval	30'
Casing Driller	N/A
Casing Logger	N/A
Bit Size	10 5/8"
Type Fluid in Hole	BENTONITE
Density / Viscosity	N/A
pH / Fluid Loss	N/A
Source of Sample	PIT
Rm @ Meas. Temp	6.7 @ 64.0F
Rmf @ Meas. Temp	6.5 @ 64.0F
Rmc @ Meas. Temp	N/A
Source of Rmf / Rmc	MEASURED
Rm @ BHT	N/A
Time Circulation Stopped	14:30
Time Logger on Bottom	14:40
Max. Recorded Temperature	N/A
Equipment Number	PS-8
Location	FNO
Recorded By	FARRELL
Witnessed By	H. GRANICHER

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

RSN RLN Corr

Calibration Report

Database File	33475.db
Dataset Pathname	elog
Dataset Creation	Wed Jul 16 14:48:11 2025

ELOG Calibration Report

Serial:	D4
Model:	DTQ

Shop Calibration Performed	Tue May 28 10:57:48 2024
Before Survey Verification Performed:	Tue May 28 10:58:07 2024
After Survey Verification Performed:	Tue May 28 10:58:23 2024

Shop Calibration

	Readings Zero	Readings Cal		References Zero	References Cal		Results Gain	Results Offset
Short	1.091	51.320		0.500	50.000	Ohm-m	0.985	-0.575
Long	4.067	205.814		2.000	200.000	Ohm-m	0.981	-1.991
IEE	15.880	4023.880	counts	0.017	4.404	A		
VSN	135.940	4574.820	counts	2.593	87.259	V		
VLN	125.940	1190.980	counts	2.402	22.716	V		

Before Survey Verification

	Readings Zero	Readings Cal		References Zero	References Cal		Results Gain	Results Offset
Short	773.857	101.205		761.940	101.194	Ohm-m	0.982	1.780
Long	2875.540	105.273		2823.560	105.376	Ohm-m	0.981	2.082
IEE	15.900	4163.860	counts	0.017	4.557	A		
VSN	138.240	4734.500	counts	2.637	90.305	V		
VLN	128.420	1231.200	counts	2.449	23.484	V		

After Survey Verification

	Readings Zero	Readings Cal		References Zero	References Cal		Results Gain	Results Offset
Short	781.827	101.216		773.857	101.205	Ohm-m	0.988	1.173
Long	2896.480	105.271		2875.540	105.273	Ohm-m	0.992	0.792
IEE	15.640	4170.640	counts	0.017	4.564	A		
VSN	137.380	4742.740	counts	2.620	90.462	V		
VLN	127.240	1233.180	counts	2.427	23.521	V		

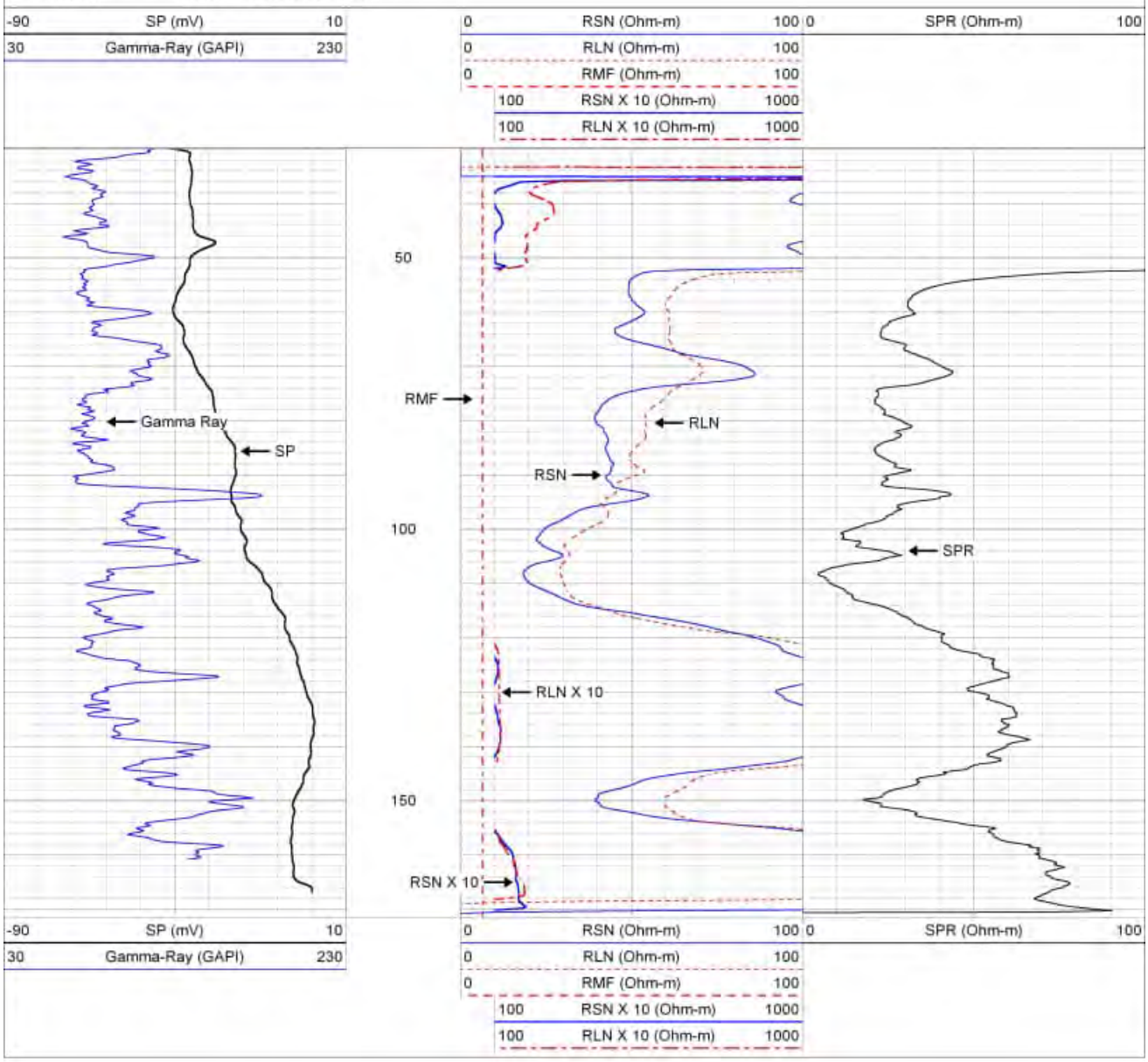
After Survey Verification compared to Before Survey Calibration

	Zero Before	Zero After		Cal Before	Cal After	
Short	761.940	773.857	Ohm-m	101.194	101.205	Ohm-m
Long	2823.560	2875.540	Ohm-m	105.376	105.273	Ohm-m

Gamma Ray Calibration Report

Serial Number:	D4	
Tool Model:	ELOG	
Performed:	Tue May 28 10:57:23 2024	
Calibrator Value:	162.0	GAPI
Background Reading:	101.7	cps
Calibrator Reading:	326.7	cps
Sensitivity:	0.7200	GAPI/cps

Database File	33475.db
Dataset Pathname	elog
Presentation Format	elog_cwa
Dataset Creation	Wed Jul 16 14:48:11 2025
Charted by	Depth in Feet scaled 1:240



Log Variables

DatabaseC:\ProgramData\Warrior\Data\33475.db
Dataset field/well/run1/elog/_vars_

Top Bottom

Top - Bottom

BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	PERFS	RM_MEAS_R Ohm-m	RM_MEAS_T degF	RMF Ohm-m	RSH Ohm-m	SPSHIFT mV
10.625	59.4	5.5	0	No	6.7	84	6.5	20	0

SRFTEMP degF	TDEPTH ft	TempGrad degF/ft
57.3	171	0.01235

Variable Description

BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
PERFS : Perforation Flag
RM_MEAS_R : Mud Resistivity Measured
RM_MEAS_T : Mud Temperature Measured
RMF : Resistivity of Mud Filtrate
RSH : Resistivity of Shale
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
TDEPTH : Total Depth
TempGrad : Temperature Gradient

Filter Report

Database File 33475.db
Dataset Pathname elog
Dataset Creation Wed Jul 16 14:48:11 2025

Filter Name	Filter Type	Filter Length (ft)
LSPD	Gaussian	12.00
LTEN	Gaussian	6.00
LSPDRT	None	
IEE	None	
VSN	None	
VLN	None	
SP	Gaussian	3.00
RSN	Gaussian	2.00
RLN	Gaussian	3.00
SPR	Gaussian	1.00
GR	Gaussian	2.00
HVOLT	Gaussian	1.00
INCL	Square	2.00
AZI	Square	2.00
ROLL	Square	2.00
MAG ROLL	Square	2.00
ACC TOTAL	Square	2.00
MTEMP	Square	2.00

PACIFIC SURVEYS

ELECTRIC LOG
GAMMA RAY

Job No.
33543

File No

Company	BRADLEY & SONS, INC.
Well	L-GWL-4
Field	PRUNEDALE
County	MONTEREY State CA

Location

6241 ECHO VALLEY CT
GPS: 36.8219293 -121.6312076

Other Services

CAL/BHV

Sec. Twp. Rge.

Permanent Datum	G.L.		Elevation above perm. datum	Elevation
Log Measured From	G.L.	0'		K.B.
Drilling Measured From	G.L.			D.F.
				G.L.

Date	5/30/25
Run Number	ONE
Depth Driller	407'
Depth Logger	407'
Bottom Logged Interval	407'
Top Log Interval	30'
Casing Driller	N/A
Casing Logger	N/A
Bit Size	10.625"
Type Fluid in Hole	BENT/ASH/DRISPAC
Density / Viscosity	9.4 | 32.5
pH / Fluid Loss	9.0 | 10
Source of Sample	PIT
Rm @ Meas. Temp	3.73 @ 88.5F
Rmf @ Meas. Temp	3.46 @ 88.5F
Rmc @ Meas. Temp	N/A
Source of Rmf / Rmc	MEASURED
Rm @ BHT	N/A
Time Circulation Stopped	15:10
Time Logger on Bottom	15:50
Max. Recorded Temperature	N/A
Equipment Number	PS-8
Location	FNO
Recorded By	FARRELL
Witnessed By	P. KEICHER

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

RSN RLN Corr:

Calibration Report

Database File 33543.db
Dataset Pathname elog
Dataset Creation Fri May 30 16:00:46 2025

ELOG Calibration Report

Serial: D4
Model: DTQ

Shop Calibration Performed	Tue May 28 10:57:48 2024
Before Survey Verification Performed:	Tue May 28 10:58:07 2024
After Survey Verification Performed:	Tue May 28 10:58:23 2024

Shop Calibration

	Readings Zero	Readings Cal		References Zero	References Cal			Results Gain	Results Offset
Short	1.091	51.320		0.500	50.000	Ohm-m		0.985	-0.575
Long	4.067	205.814		2.000	200.000	Ohm-m		0.981	-1.991
IEE	15.880	4023.880	counts	0.017	4.404		A		
VSN	135.940	4574.820	counts	2.593	87.259		V		
VLN	125.940	1190.980	counts	2.402	22.716		V		

Before Survey Verification

	Readings Zero	Readings Cal		References Zero	References Cal			Results Gain	Results Offset
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Long	2875.540	105.273		2823.560	105.376	Ohm-m		0.981	2.082
IEE	15.900	4163.860	counts	0.017	4.557		A		
VSN	138.240	4734.500	counts	2.637	90.305		V		
VLN	128.420	1231.200	counts	2.449	23.484		V		

After Survey Verification

	Readings Zero	Readings Cal		References Zero	References Cal		Results Gain	Results Offset
Short	781.827	101.216		773.857	101.205	Ohm-m	0.988	1.173
Long	2896.480	105.271		2875.540	105.273	Ohm-m	0.992	0.792
IEE	15.640	4170.640	counts	0.017	4.564	A		
VSN	137.380	4742.740	counts	2.620	90.462	V		
VLN	127.240	1233.180	counts	2.427	23.521	V		

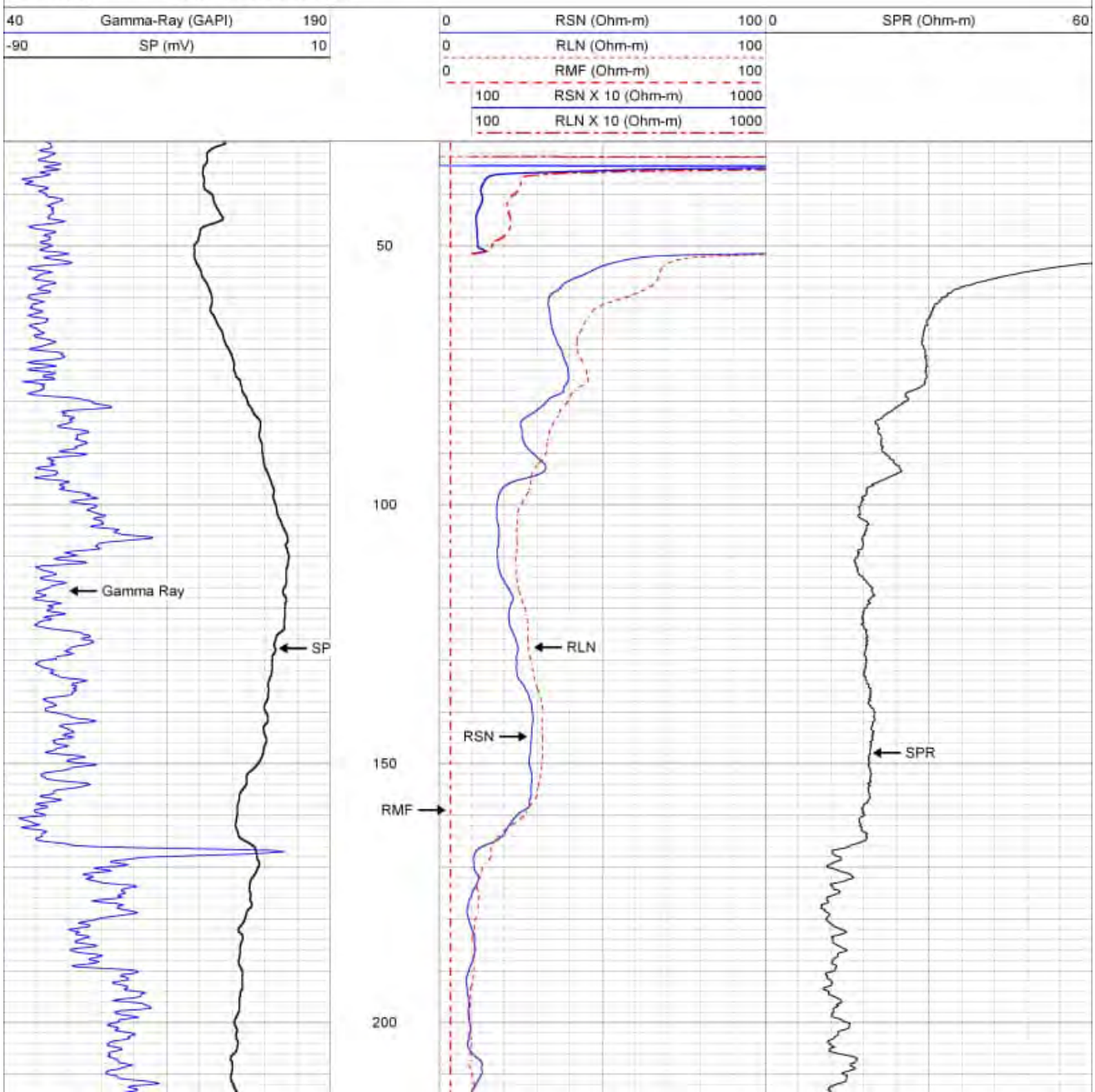
After Survey Verification compared to Before Survey Calibration

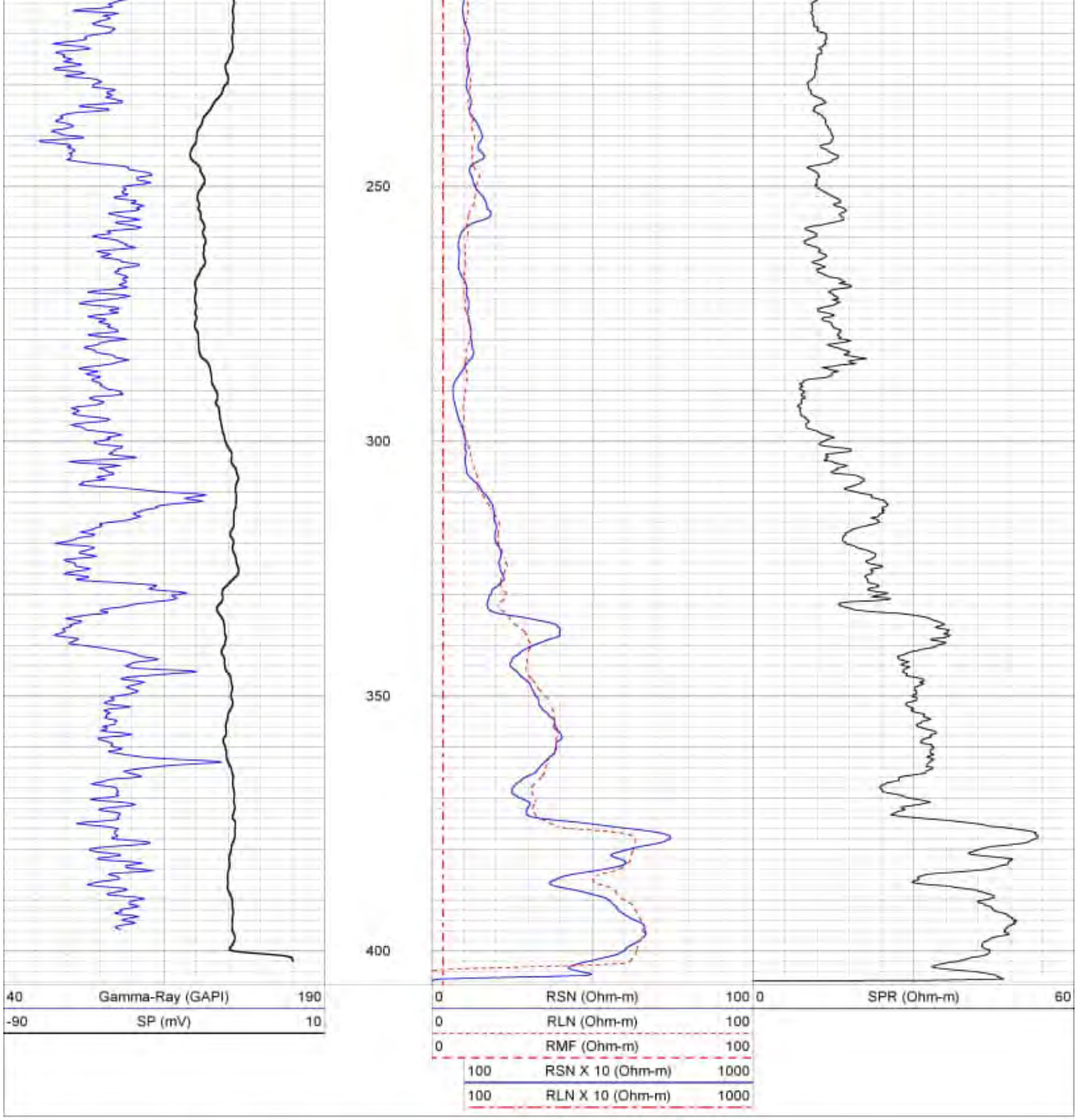
	Zero Before	Zero After		Cal Before	Cal After	
Short	761.940	773.857	Ohm-m	101.194	101.205	Ohm-m
Long	2823.560	2875.540	Ohm-m	105.376	105.273	Ohm-m

Gamma Ray Calibration Report

Serial Number:	D4	
Tool Model:	ELOG	
Performed:	Tue May 28 10:57:23 2024	
Calibrator Value:	162.0	GAPI
Background Reading:	101.7	cps
Calibrator Reading:	326.7	cps
Sensitivity:	0.7200	GAPI/cps

Database File	33543.db
Dataset Pathname	EL
Presentation Format	elog_cwa
Dataset Creation	Fri May 30 16:20:45 2025
Charted by	Depth in Feet scaled 1:240





Log Variables

DatabaseC:\ProgramData\Warrior\Data\33543.db
Dataset field/well/run1/EL/_vars_

Top - Bottom

BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	PERFS	RM_MEAS_R Ohm-m	RM_MEAS_T degF	RMF Ohm-m	RSH Ohm-m	SPSHIFT mV
10.625	62.33	5.5	0	No	3.73	88.5	3.46	20	0

SRFTEMP degF	TDEPTH ft	TempGrad degF/ft
57.3	407	0.01235

Variable Description

BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
PERFS : Perforation Flag
RM_MEAS_R : Mud Resistivity Measured
RM_MEAS_T : Mud Temperature Measured
RMF : Resistivity of Mud Filtrate
RSH : Resistivity of Shale
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
TDEPTH : Total Depth
TempGrad : Temperature Gradient

Filter Report

Database File 33543.db
Dataset Pathname EL
Dataset Creation Fri May 30 16:20:45 2025

Filter Name	Filter Type	Filter Length (ft)
LSPD	Gaussian	12.00
LTEN	Gaussian	6.00
LSPDRT	None	
IEE	None	
VSN	None	

VLN	None	
SP	Gaussian	3.00
RSN	Gaussian	2.00
RLN	Gaussian	3.00
SPR	Gaussian	1.00
GR	Gaussian	2.00
HVOLT	Gaussian	1.00
INCL	Square	2.00
AZI	Square	2.00
ROLL	Square	2.00
MAG ROLL	Square	2.00
ACC TOTAL	Square	2.00
MTEMP	Square	2.00

PACIFIC SURVEYS

ELECTRIC LOG
GAMMA RAY

Job No.	33549
Company	BRADLEY & SONS, INC.
Well	ES-1A
Field	SALINAS
File No	
County	MONTEREY
State	CA

Location

10 SHERWOOD PLACE
GPS: 36.685360 1 -121 6476557

Other Services

NONE

Sec. Twp. Rge

Permanent Datum	G.L.	Elevation above perm. datum		Elevation
Log Measured From	G.L. 0'		K.B.	
Drilling Measured From	G.L.		D.F.	
			G.L.	

Date	6/12/25
Run Number	ONE
Depth Driller	1300'
Depth Logger	1296'
Bottom Logged Interval	1296'
Top Log Interval	30'
Casing Driller	16" @ 4'
Casing Logger	N/A
Bit Size	8.75"
Type Fluid in Hole	BENTONITE
Density / Viscosity	9.5 | 37
pH / Fluid Loss	N/A
Source of Sample	SHAKER
Rm @ Meas. Temp	7.4 @ 74.4F
Rmf @ Meas. Temp	7.2 @ 74.4F
Rmc @ Meas. Temp	N/A
Source of Rmf / Rmc	MEASURED
Rm @ BHT	N/A
Time Circulation Stopped	17:45
Time Logger on Bottom	18:15
Max. Recorded Temperature	N/A
Equipment Number	PS-8
Location	FNO
Recorded By	FARRELL
Witnessed By	H. GRANICHER

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Comments

RSN RLN Corr:
MECHANICAL SP SHIFT

Calibration Report

Database File 33549.db
Dataset Pathname elog
Dataset Creation Thu Jun 12 18:21:39 2025

ELOG Calibration Report

Serial: D4
Model: DTQ

Shop Calibration Performed: Tue May 28 10:57:48 2024
Before Survey Verification Performed: Tue May 28 10:58:07 2024
After Survey Verification Performed: Tue May 28 10:58:23 2024

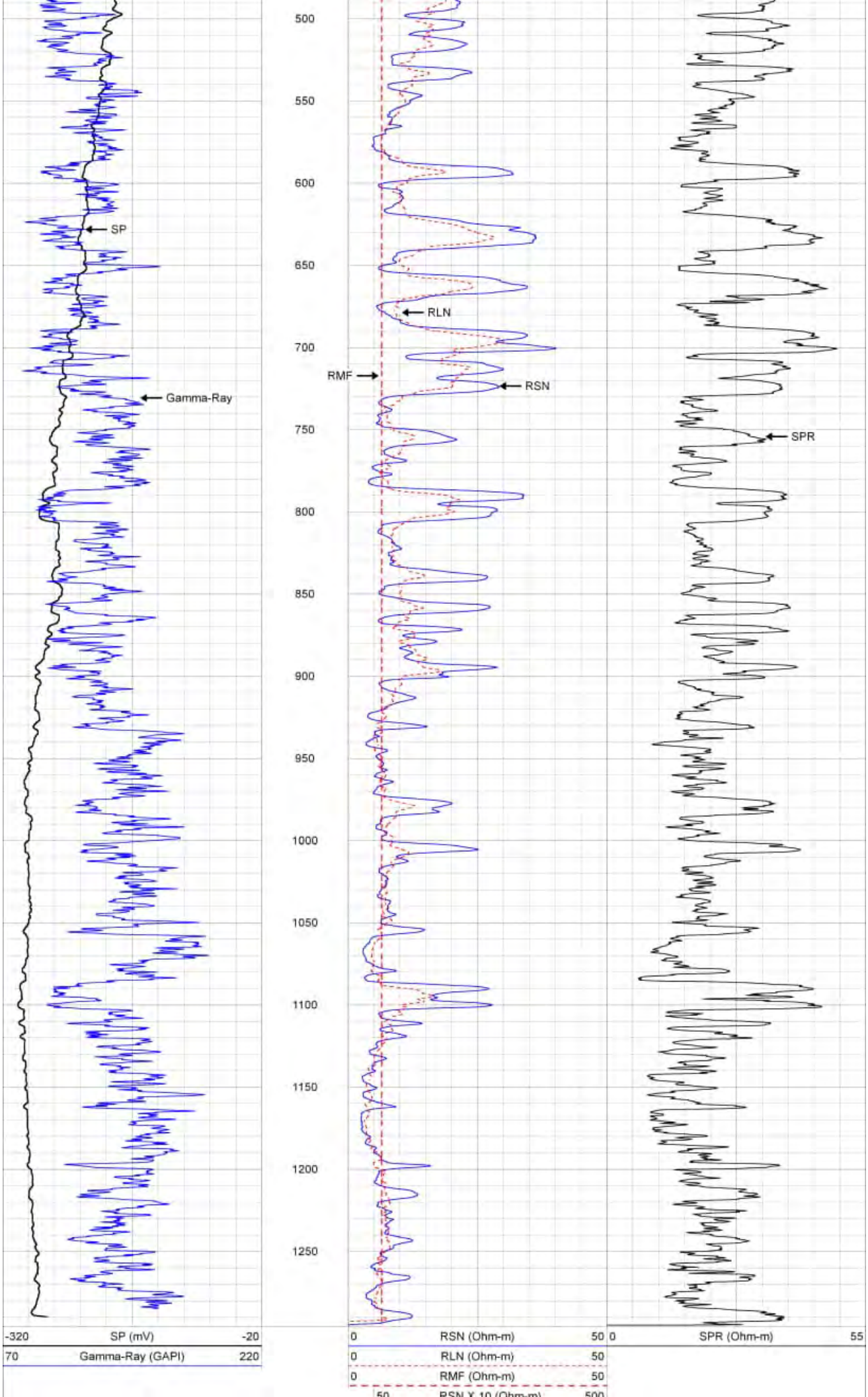
Shop Calibration

	Readings Zero	Readings Cal		References Zero	References Cal		Results Gain	Results Offset
Short	1.091	51.320		0.500	50.000	Ohm-m	0.985	-0.575
Long	4.067	205.814		2.000	200.000	Ohm-m	0.981	-1.991
IEE	15.880	4023.880	counts	0.017	4.404	A		
VSN	135.940	4574.820	counts	2.593	87.259	V		
VLN	125.940	1190.980	counts	2.402	22.716	V		

Before Survey Verification

	Readings Zero	Readings Cal		References Zero	References Cal		Results Gain	Results Offset
Short	773.857	101.205		761.940	101.194	Ohm-m	0.982	1.780
Long	2875.540	105.273		2823.560	105.376	Ohm-m	0.981	2.082
IEE	15.900	4163.860	counts	0.017	4.557	A		
VSN	138.240	4734.500	counts	2.637	90.305	V		
VLN	128.420	1231.200	counts	2.449	23.484	V		

After Survey Verification


SP
Gamma-Ray
RLN
RMF
RSN
SPR
500
550
600
650
700
750
800
850
900
950
1000
1050
1100
1150
1200
1250
-320
SP (mV)
-20
70
Gamma-Ray (GAPI)
220
0
RSN (Ohm-m)
50
0
RLN (Ohm-m)
50
0
RMF (Ohm-m)
50
50
RSN X 10 (Ohm-m)
500
0
SPR (Ohm-m)
55

50	RLN X 10 (Ohm-m)	500

Log Variables

DatabaseC:\ProgramData\Warrior\Data\33549.db
Dataset field/well/run1/EL/_vars_

Top - Bottom

BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	PERFS	RM_MEAS_R Ohm-m	RM_MEAS_T degF	RMF Ohm-m	RSH Ohm-m	SPSHIFT mV
8.75	73.3	5.5	0	No	6.7	75.2	6.5	20	-266.867

SRFTEMP degF	TDEPTH ft	TempGrad degF/ft
57.3	1296	0.01235

Variable Description

BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
PERFS : Perforation Flag
RM_MEAS_R : Mud Resistivity Measured
RM_MEAS_T : Mud Temperature Measured
RMF : Resistivity of Mud Filtrate
RSH : Resistivity of Shale
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
TDEPTH : Total Depth
TempGrad : Temperature Gradient

Filter Report

Database File 33549.db
Dataset Pathname EL
Dataset Creation Thu Jun 12 19:44:27 2025

Filter Name	Filter Type	Filter Length (ft)
LSPD	Gaussian	12.00
LTEN	Gaussian	6.00
LSPDRT	None	
IEE	None	
VSN	None	
VLN	None	
SP	Gaussian	3.00
RSN	Gaussian	2.00
RLN	Gaussian	3.00
SPR	Gaussian	1.00
GR	Gaussian	2.00
HVOLT	Gaussian	1.00
INCL	Square	2.00
AZI	Square	2.00
ROLL	Square	2.00
MAG ROLL	Square	2.00
ACC TOTAL	Square	2.00
MTEMP	Square	2.00

PACIFIC SURVEYS

ELECTRIC LOG
GAMMA RAY

Job No. 33970	Company	BRADLEY & SONS, INC.	
	Well	F-DA-1	
	Field	SOLEDAD	
File No.	County	MONTEREY	State CALIFORNIA

Location:

CORNER OF MISSION RD & FOOTHILL RD
GPS. 36.3927 -121.3677

Sec. Twp. Rge.

Other Services:

CALIPER

Permanent Datum	GL	Elevation above perm. datum	Elevation
Log Measured From	GL 0'		K.B.
Drilling Measured From	GL		D.F.
			G.L.

Date	12 SEPT, 2025		
Run Number	ONE		
Depth Driller	1300'		
Depth Logger	1298'		
Bottom Logged Interval	1298'		
Top Log Interval	30'		
Casing Driller	NA		
Casing Logger	NA		
Bit Size	10.625"		
Type Fluid in Hole	BENTONITE		
Density / Viscosity	NA		
pH / Fluid Loss	NA		
Source of Sample	WELL		
Rm @ Meas. Temp	6.8 @ 80F		
Rmf @ Meas. Temp	6.6 @ 80F		
Rmc @ Meas. Temp	NA		
Source of Rmf / Rmc	MEAS.		
Rm @ BHT	NA		
Time Circulation Stopped	09:30		
Time Logger on Bottom	12:30		
Max. Recorded Temperature	NA		
Equipment Number	PS 14		
Location	BFL		
Recorded By	BURGE		
Witnessed By	—		

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Comments

Calibration Report

Database File	33970.db
Dataset Pathname	ELOG
Dataset Creation	Fri Sep 12 13:13:13 2025

ELOG Calibration Report

Serial:	PS-5
Model:	DTQ
Shop Calibration Performed:	Tue Feb 11 10:15:22 2025
Before Survey Verification Performed:	Tue Feb 11 10:18:15 2025
After Survey Verification Performed:	Tue Feb 11 10:18:42 2025

Shop Calibration

	Readings			References			Results	
	Zero	Cal		Zero	Cal		Gain	Offset
Short	1.169	51.851		0.500	50.000	Ohm-m	0.977	-0.642
Long	5.422	208.590		2.000	200.000	Ohm-m	0.975	-3.284
IEE	66.300	4122.020	counts	0.073	4.511	A		
VSN	99.960	4723.100	counts	1.907	90.087	V		
VLN	198.980	1276.640	counts	3.795	24.350	V		

Before Survey Verification

	Readings			References			Results	
	Zero	Cal		Zero	Cal		Gain	Offset
Short	174.870	101.961		134.195	101.986	Ohm-m	0.442	56.943
Long	2088.380	106.569		110.266	110.266	Ohm-m	0.484	58.738
IEE	25.480	4340.600	counts	0.028	4.750	A		
VSN	50.060	4972.340	counts	0.955	94.841	V		
VLN	149.460	1299.260	counts	2.851	24.782	V		

After Survey Verification

	Readings			References			Results	
	Zero	Cal		Zero	Cal		Gain	Offset
Short	175.208	101.956		174.870	101.961	Ohm-m	0.995	0.484
Long	2098.290	106.367		106.569	106.569	Ohm-m	0.995	0.742
IEE	25.380	4486.520	counts	0.028	4.910	A		
VSN	49.960	5139.220	counts	0.953	98.024	V		
VLN	149.580	1340.400	counts	2.853	25.566	V		

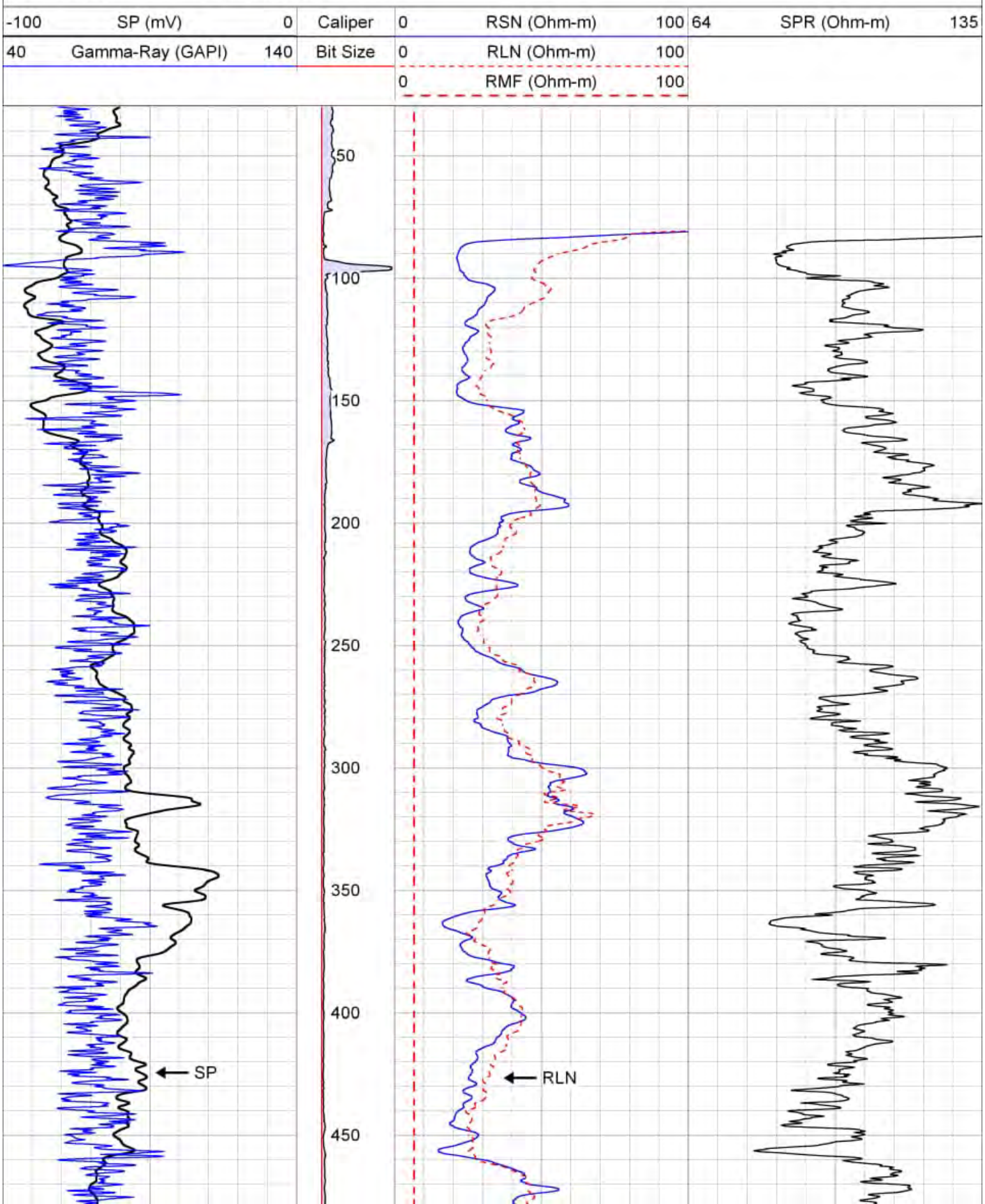
After Survey Verification compared to Before Survey Calibration

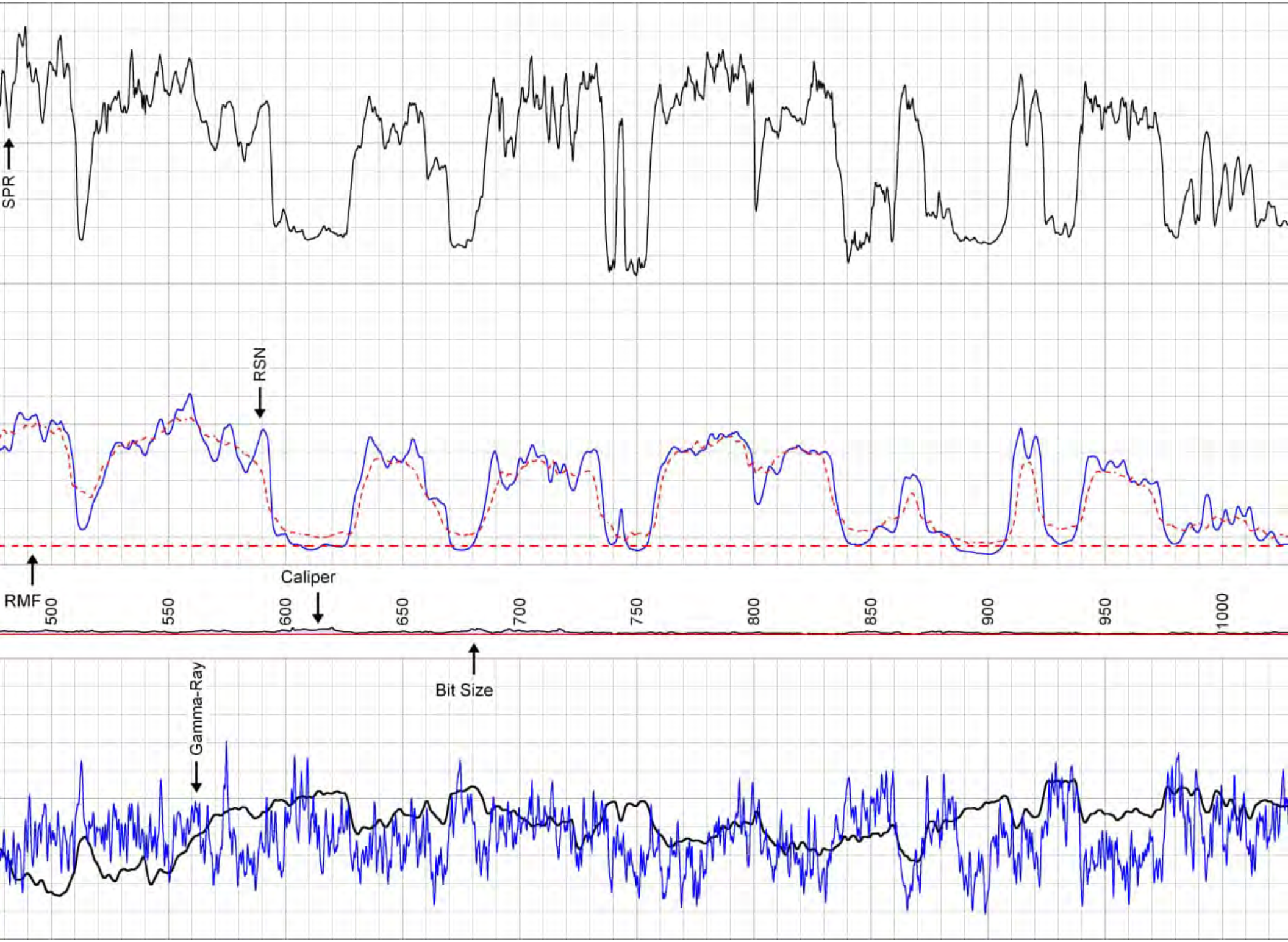
	Zero			Cal		
	Before	After		Before	After	
Short	134.195	174.870	Ohm-m	101.986	101.961	Ohm-m
Long	1068.510	2088.380	Ohm-m	110.266	106.569	Ohm-m

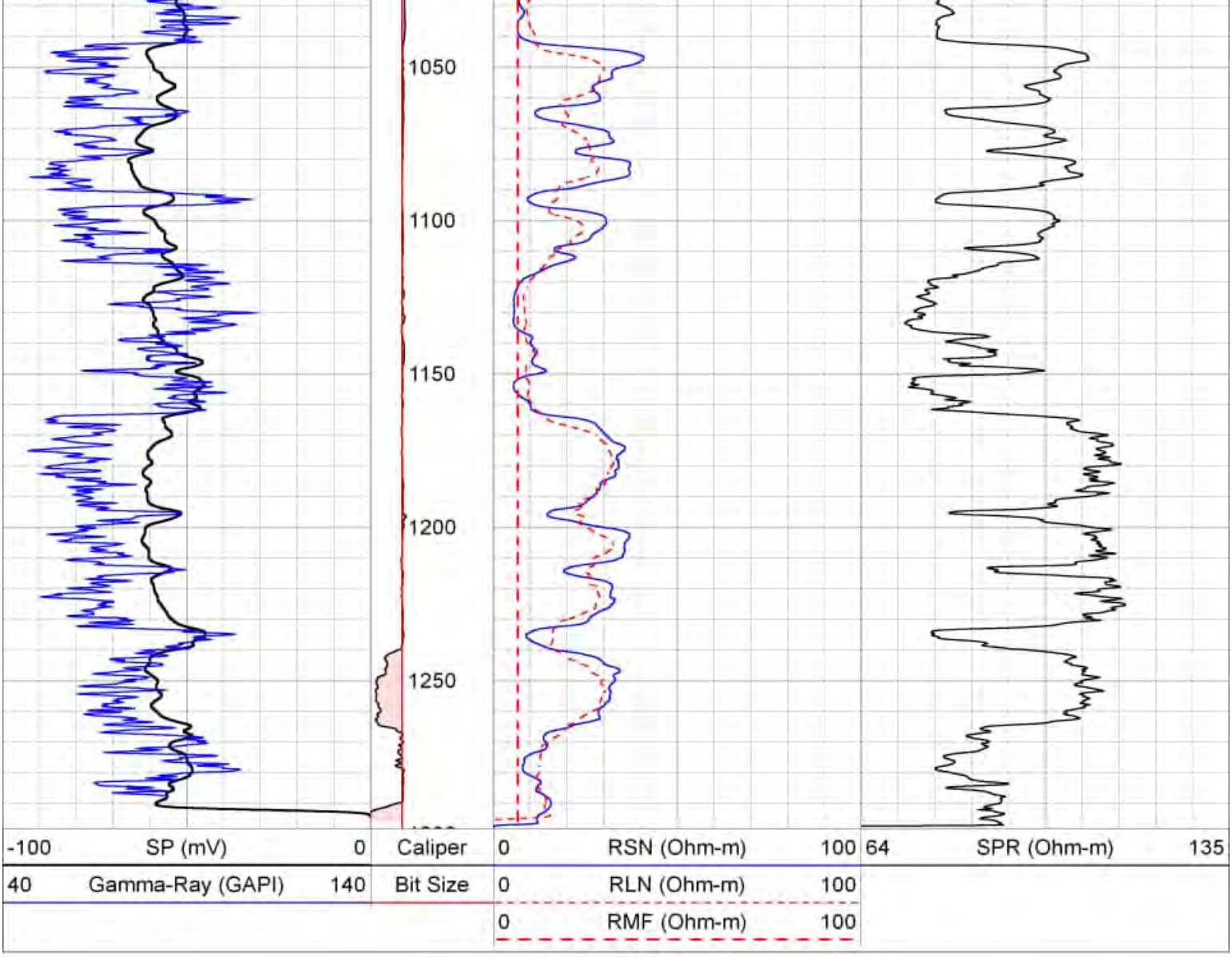
Gamma Ray Calibration Report

Serial Number:	D4	
Tool Model:	ELOG	
Performed:	Wed May 14 15:19:50 2025	
Calibrator Value:	162.0	GAPI
Background Reading:	90.8	cps
Calibrator Reading:	253.1	cps
Sensitivity:	0.9984	GAPI/cps

Database File	33970.db
Dataset Pathname	ELOG1
Presentation Format	elog_cwa
Dataset Creation	Fri Sep 12 13:28:39 2025
Charted by	Depth in Feet scaled 1:600




SPR
RSN
RMF
Caliper
500
550
600
650
700
750
800
850
900
950
1000
Bit Size
Gamma-Ray



Log Variables

DatabaseC:\ProgramData\Warrior\Data\33970.db
Dataset field/well/run1/ELOG1/_vars_

Top - Bottom

BOREID	BOTTEMP	CASEOD	CASETHCK	PERFS	RM_MEAS_R	RM_MEAS_T
in	degF	in	in		Ohm-m	degF
10.625	79	5.5	0	No	6.8	80

RMF	RSH	SPSHIFT	SRFTEMP	TDEPTH	TempGrad
Ohm-m	Ohm-m	mV	degF	ft	degF/ft
6.6	20	0	85	1300	0.01235

Variable Description

BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
PERFS : Perforation Flag
RM_MEAS_R : Mud Resistivity Measured
RM_MEAS_T : Mud Temperature Measured
RMF : Resistivity of Mud Filtrate
RSH : Resistivity of Shale
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
TDEPTH : Total Depth
TempGrad : Temperature Gradient

Filter Report

Database File 33970.db

Dataset Pathname ELOG1
Dataset Creation Fri Sep 12 13:28:39 2025

Filter Name	Filter Type	Filter Length (ft)
LSPD	Gaussian	10.00
LTEN	None	
LSPDRT	None	
IEE	None	
VSN	None	
VLN	None	
SP	Gaussian	5.00
RSN	Gaussian	2.00
RLN	Gaussian	3.00
SPR	Gaussian	1.00
GR	Gaussian	2.00
HVOLT	Gaussian	1.00
INCL	None	
AZI	None	
ROLL	None	
MAG ROLL	None	
ACC TOTAL	None	
MTEMP	None	
Cwa	Triangle	4.00

PACIFIC SURVEYS

ELECTRIC LOG
GAMMA RAY

Job No.	33769
Company	BRADLEY & SONS, INC.
Well	F-ISW-1
Field	GREENFIELD
File No	
County	MONTEREY
State	CA

Location

APPROXIMATELY 0.6 MI. NE OF ARROYO SECO RIVER BRIDGE
GPS: 36.2877665 -121.3190454

Other Services

CAL/BHV

Sec. Twp. Rge.

Permanent Datum	G.L.		Elevation above perm. datum	Elevation
Log Measured From	G.L.	0'		K.B.
Drilling Measured From	G.L.			D.F.
				G.L.

Date	8/14/25
Run Number	ONE
Depth Driller	200'
Depth Logger	198'
Bottom Logged Interval	198'
Top Log Interval	35'
Casing Driller	N/A
Casing Logger	N/A
Bit Size	8.75"
Type Fluid in Hole	BENTONITE
Density / Viscosity	N/A
pH / Fluid Loss	N/A
Source of Sample	PIT
Rm @ Meas. Temp	3.54 @ 84.7F
Rmf @ Meas. Temp	3.28 @ 84.7F
Rmc @ Meas. Temp	N/A
Source of Rmf / Rmc	MEASURED
Rm @ BHT	N/A
Time Circulation Stopped	10:10
Time Logger on Bottom	10:20
Max. Recorded Temperature	N/A
Equipment Number	PS-8
Location	FNO
Recorded By	FARRELL
Witnessed By	H. GRANICHER

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Comments

RSN RLN Corr

Calibration Report

Database File	33769.db
Dataset Pathname	ELOG/run1/ELOG
Dataset Creation	Thu Aug 14 10:21:31 2025

ELOG Calibration Report

Serial:	D4
Model:	DTQ

Shop Calibration Performed	Tue May 28 10:57:48 2024
Before Survey Verification Performed:	Tue May 28 10:58:07 2024
After Survey Verification Performed:	Tue May 28 10:58:23 2024

Shop Calibration

	Readings Zero	Readings Cal		References Zero	References Cal		Results Gain	Results Offset
Short	1.091	51.320		0.500	50.000	Ohm-m	0.985	-0.575
Long	4.067	205.814		2.000	200.000	Ohm-m	0.981	-1.991
IEE	15.880	4023.880	counts	0.017	4.404	A		
VSN	135.940	4574.820	counts	2.593	87.259	V		
VLN	125.940	1190.980	counts	2.402	22.716	V		

Before Survey Verification

	Readings Zero	Readings Cal		References Zero	References Cal		Results Gain	Results Offset
Short	773.857	101.205		761.940	101.194	Ohm-m	0.982	1.780
Long	2875.540	105.273		2823.560	105.376	Ohm-m	0.981	2.082
IEE	15.900	4163.860	counts	0.017	4.557	A		
VSN	138.240	4734.500	counts	2.637	90.305	V		
VLN	128.420	1231.200	counts	2.449	23.484	V		

After Survey Verification

	Readings Zero	Readings Cal		References Zero	References Cal		Results Gain	Results Offset
Short	781.827	101.216		773.857	101.205	Ohm-m	0.988	1.173
Long	2896.480	105.271		2875.540	105.273	Ohm-m	0.992	0.792
IEE	15.640	4170.640	counts	0.017	4.564	A		
VSN	137.380	4742.740	counts	2.620	90.462	V		
VLN	127.240	1233.180	counts	2.427	23.521	V		

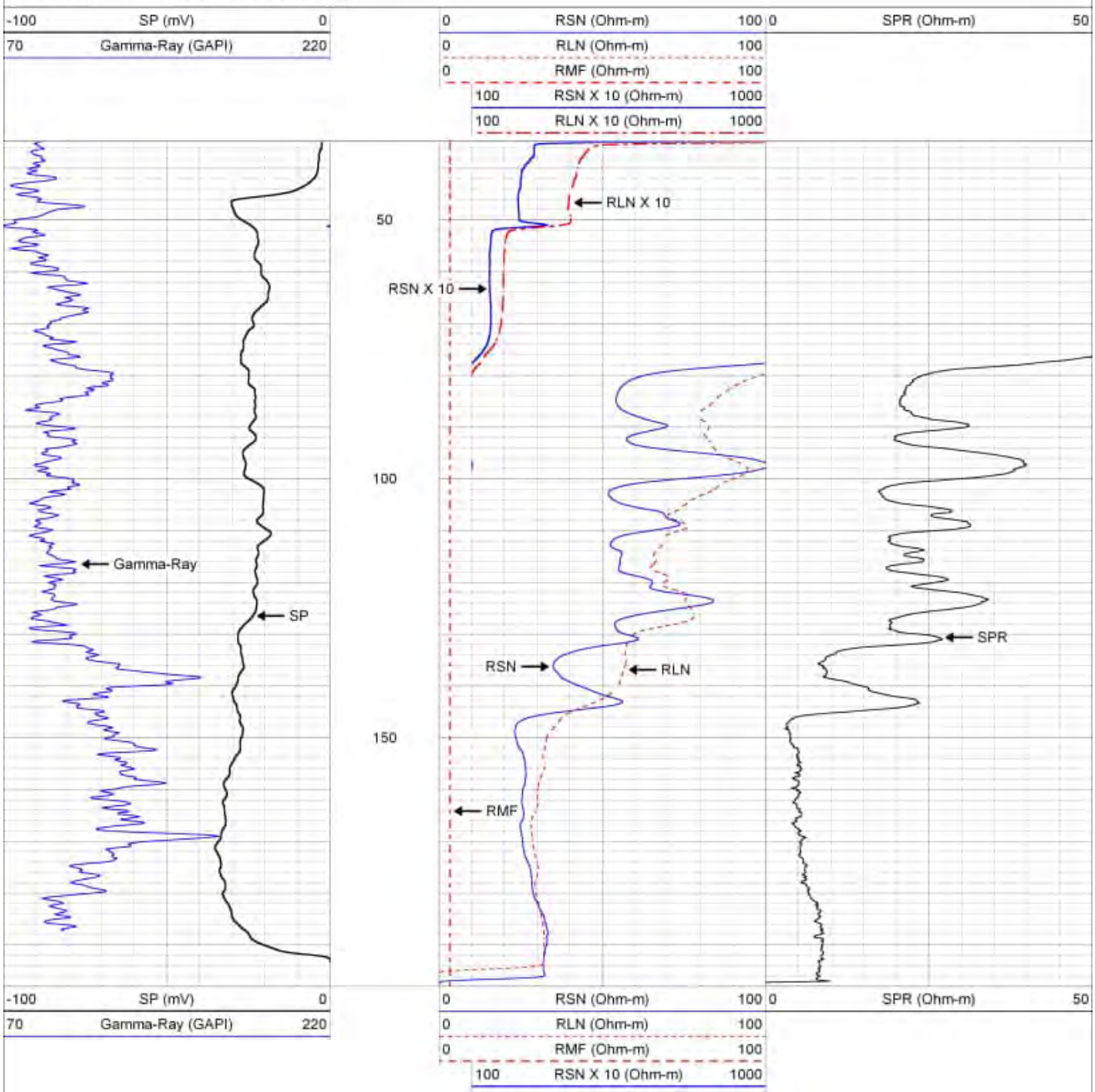
After Survey Verification compared to Before Survey Calibration

	Zero Before	Zero After		Cal Before	Cal After	
Short	761.940	773.857	Ohm-m	101.194	101.205	Ohm-m
Long	2823.560	2875.540	Ohm-m	105.376	105.273	Ohm-m

Gamma Ray Calibration Report

Serial Number:	D4	
Tool Model:	ELOG	
Performed:	Tue May 28 10:57:23 2024	
Calibrator Value:	162.0	GAPI
Background Reading:	101.7	cps
Calibrator Reading:	326.7	cps
Sensitivity:	0.7200	GAPI/cps

Database File	33769.db
Dataset Pathname	ELOG/run1/ELOG1.1
Presentation Format	elog_cwa
Dataset Creation	Thu Aug 14 10:50:50 2025
Charted by	Depth in Feet scaled 1:240



100	RLN X 10 (Ohm-m)	1000

Log Variables

DatabaseC:\ProgramData\Warrior\Data\33769.db
Dataset field/ELOG/run1/ELOG1.1/_vars_

Top - Bottom

BOREID	BOTTEMP	CASEOD	CASETHCK	PERFS	RM_MEAS_R	RM_MEAS_T	RMF	RSH	SPSHIFT
in	degF	in	in		Ohm-m	degF	Ohm-m	Ohm-m	mV
8.75	63	5.5	0	No	3.54	84.7	3.28	20	0

SRFTEMP	TDEPTH	TempGrad
degF	ft	degF/ft
60.25	200	0.01235

Variable Description

BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
PERFS : Perforation Flag
RM_MEAS_R : Mud Resistivity Measured
RM_MEAS_T : Mud Temperature Measured
RMF : Resistivity of Mud Filtrate
RSH : Resistivity of Shale
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
TDEPTH : Total Depth
TempGrad : Temperature Gradient

Filter Report

Database File 33769.db
Dataset Pathname ELOG/run1/ELOG1.1
Dataset Creation Thu Aug 14 10:50:50 2025

Filter Name	Filter Type	Filter Length (ft)
LSPD	Gaussian	12.00
LTEN	Gaussian	6.00
LSPDRT	None	
IEE	None	
VSN	None	
VLN	None	
SP	Gaussian	3.00
RSN	Gaussian	2.00
RLN	Gaussian	3.00
SPR	Gaussian	1.00
GR	Gaussian	2.00
HVOLT	Gaussian	1.00
INCL	Square	2.00
AZI	Square	2.00
ROLL	Square	2.00
MAG ROLL	Square	2.00
ACC TOTAL	Square	2.00
MTEMP	Square	2.00

PACIFIC SURVEYS

ELECTRIC LOG
GAMMA RAY

Job No.	33791
Company	BRADLEY & SONS, INC.
Well	UV-GWL-3
Field	BRADLEY
File No	
County	MONTEREY
State	CA

Location

APPROX. 2 MI. E. ON HARE CANYON RD. FROM BRADLEY RD.
GPS: 35.8865270 -120.7427406

Other Services

CAL/BHV

Sec. Twp. Rge

Permanent Datum	G.L.		Elevation above perm. datum	Elevation
Log Measured From	G.L.	0'		K.B.
Drilling Measured From	G.L.			D.F.
				G.L.

Date	9/30/25
Run Number	ONE
Depth Driller	500'
Depth Logger	501'
Bottom Logged Interval	501'
Top Log Interval	30'
Casing Driller	N/A
Casing Logger	N/A
Bit Size	10.625
Type Fluid in Hole	BENTONITE
Density / Viscosity	N/A
pH / Fluid Loss	N/A
Source of Sample	SHAKER
Rm @ Meas. Temp	7.6 @ 64.9F
Rmf @ Meas. Temp	7.4 @ 64.9F
Rmc @ Meas. Temp	N/A
Source of Rmf / Rmc	MEASURED
Rm @ BHT	N/A
Time Circulation Stopped	19:14
Time Logger on Bottom	21:00
Max. Recorded Temperature	N/A
Equipment Number	PS-8
Location	FNO
Recorded By	FARRELL
Witnessed By	—

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Comments

RSN RLN Corr

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Calibration Report

Database File	33791.db
Dataset Pathname	ELOG
Dataset Creation	Tue Sep 30 20:58:40 2025

ELOG Calibration Report

Serial:	D4
Model:	DTQ
Shop Calibration Performed:	Tue May 28 10:57:48 2024
Before Survey Verification Performed:	Tue May 28 10:58:07 2024
After Survey Verification Performed:	Tue May 28 10:58:23 2024

Shop Calibration

	Readings Zero	Readings Cal		References Zero	References Cal		Results Gain	Results Offset
Short	1.091	51.320		0.500	50.000	Ohm-m	0.985	-0.575
Long	4.067	205.814		2.000	200.000	Ohm-m	0.981	-1.991
IEE	15.880	4023.880	counts	0.017	4.404	A		
VSN	135.940	4574.820	counts	2.593	87.259	V		
VLN	125.940	1190.980	counts	2.402	22.716	V		

Before Survey Verification

	Readings Zero	Readings Cal		References Zero	References Cal		Results Gain	Results Offset
Short	773.857	101.205		761.940	101.194	Ohm-m	0.982	1.780
Long	2875.540	105.273		2823.560	105.376	Ohm-m	0.981	2.082
IEE	15.900	4163.860	counts	0.017	4.557	A		
VSN	138.240	4734.500	counts	2.637	90.305	V		
VLN	128.420	1231.200	counts	2.449	23.484	V		

After Survey Verification

	Readings Zero	Readings Cal		References Zero	References Cal		Results Gain	Results Offset
Short	781.827	101.216		773.857	101.205	Ohm-m	0.988	1.173
Long	2896.480	105.271		2875.540	105.273	Ohm-m	0.992	0.792
IEE	15.640	4170.640	counts	0.017	4.564	A		
VSN	137.380	4742.740	counts	2.620	90.462	V		
VLN	127.240	1233.180	counts	2.427	23.521	V		

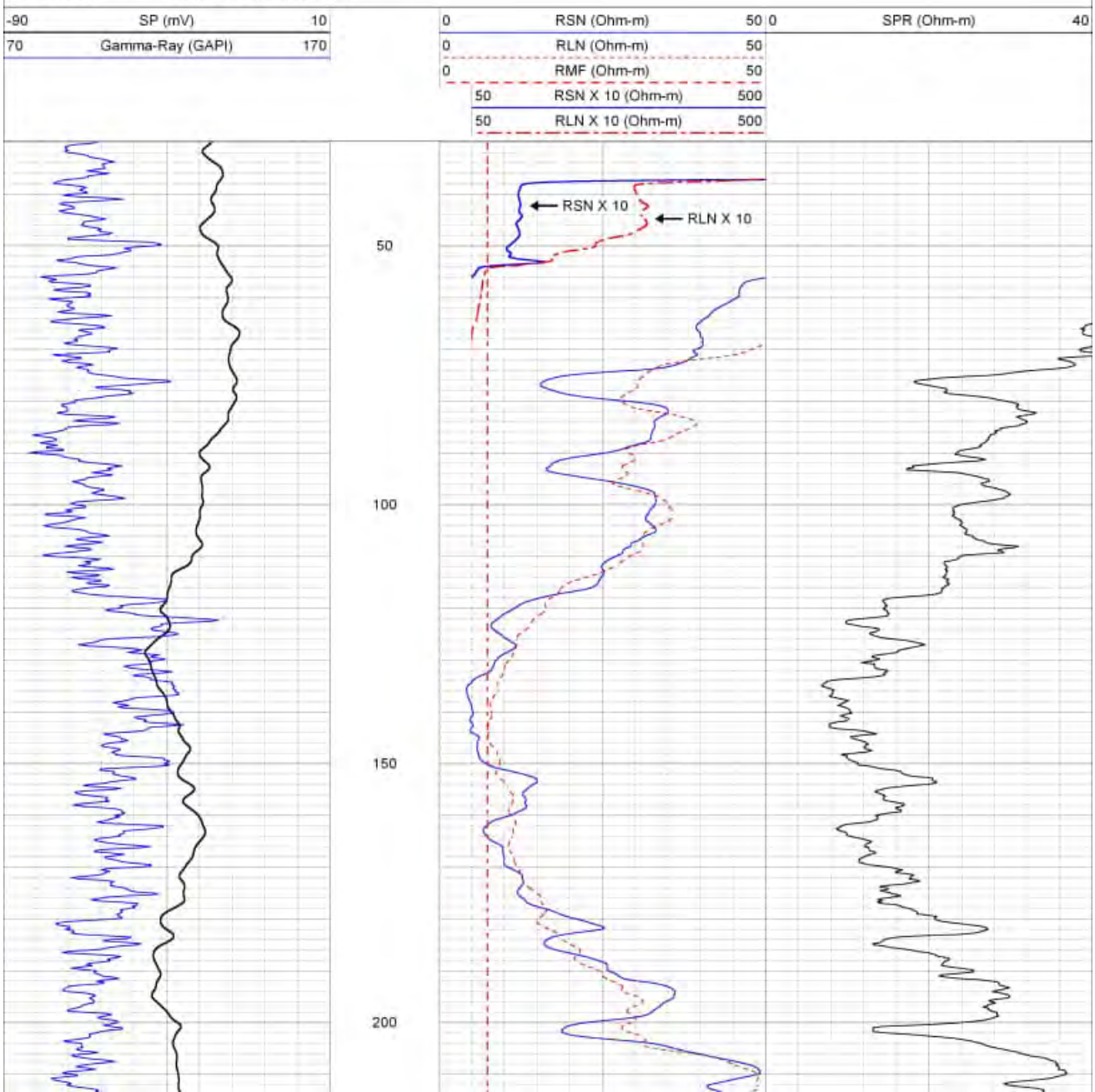
After Survey Verification compared to Before Survey Calibration

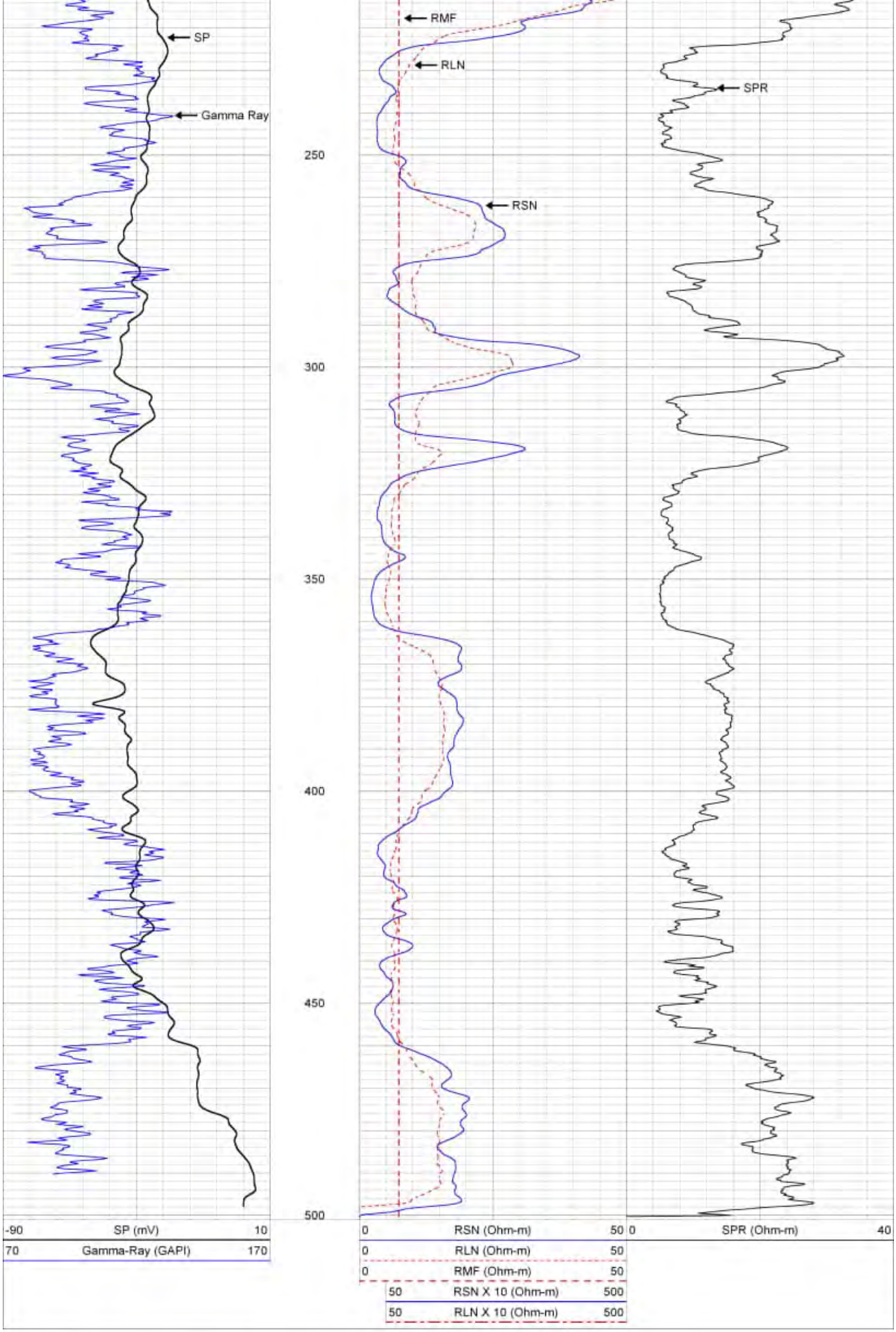
	Zero Before	Zero After		Cal Before	Cal After	
Short	761.940	773.857	Ohm-m	101.194	101.205	Ohm-m
Long	2823.560	2875.540	Ohm-m	105.376	105.273	Ohm-m

Gamma Ray Calibration Report

Serial Number:	D4	
Tool Model:	ELOG	
Performed:	Tue May 28 10:57:23 2024	
Calibrator Value:	162.0	GAPI
Background Reading:	101.7	cps
Calibrator Reading:	326.7	cps
Sensitivity:	0.7200	GAPI/cps

Database File	33791.db
Dataset Pathname	ELOG.2
Presentation Format	elog_cwa
Dataset Creation	Tue Sep 30 21:35:35 2025
Charted by	Depth in Feet scaled 1:240





Log Variables

DatabaseC:\ProgramData\Warrior\Data\33791.db
Dataset field/well/run1/ELOG.2/_vars_

Top - Bottom

BOREID	BOTTEMP	CASEOD	CASETHCK	PERFS	RM_MEAS_R	RM_MEAS_T	RMF	RSH	SPSHIFT
in	degF	in	in		Ohm-m	degF	Ohm-m	Ohm-m	mV

10.625	65.89	5.5	0	No	7.6	84.9	7.4	20	0

SRFTEMP degF	TDEPTH ft	TempGrad degF/ft
59.7	501	0.01235

Variable Description

BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
PERFS : Perforation Flag
RM_MEAS_R : Mud Resistivity Measured
RM_MEAS_T : Mud Temperature Measured
RMF : Resistivity of Mud Filtrate
RSH : Resistivity of Shale
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
TDEPTH : Total Depth
TempGrad : Temperature Gradient

Filter Report

Database File 33791.db
Dataset Pathname ELOG.2
Dataset Creation Tue Sep 30 21:35:35 2025

Filter Name	Filter Type	Filter Length (ft)
LSPD	Gaussian	12.00
LTEN	Gaussian	6.00
LSPDRT	None	
IEE	None	
VSN	None	
VLN	None	
SP	Gaussian	6.00
RSN	Gaussian	2.00
RLN	Gaussian	3.00
SPR	Gaussian	1.00
GR	Gaussian	2.00
HVOLT	Gaussian	1.00
INCL	Square	2.00
AZI	Square	2.00
ROLL	Square	2.00
MAG ROLL	Square	2.00
ACC TOTAL	Square	2.00
MTEMP	Square	2.00

PACIFIC SURVEYS

ELECTRIC LOG
GAMMA-RAY

Job No. 30993	Company	BRADLEY & SONS, INC.	
	Well	UV-GWL-2	
	Field	SAN MIGUEL	
File No.	County	MONTEREY	State CA

Location:

77000 RANCHITA CANYON RD.
GPS. 35.80593 -120.55961

Sec. Twp. Rge.

Other Services:

CALIPER

Permanent Datum	G.L.		Elevation above perm. datum	Elevation
Log Measured From	G.L.	0'		K.B.
Drilling Measured From	G.L.			D.F.
				G.L.

Date	10-16-2025
Run Number	ONE
Depth Driller	715'
Depth Logger	713'
Bottom Logged Interval	713'
Top Log Interval	30'
Casing Driller	N/A
Casing Logger	N/A
Bit Size	10.625"
Type Fluid in Hole	BENTONITE
Density / Viscosity	9.4 I 46
pH / Fluid Loss	N/A
Source of Sample	PIT
Rm @ Meas. Temp	6.4 @ 75F
Rmf @ Meas. Temp	6.2 @ 75F
Rmc @ Meas. Temp	N/A
Source of Rmf / Rmc	MEASURE
Rm @ BHT	N/A
Time Circulation Stopped	1400
Time Logger on Bottom	1500
Max. Recorded Temperature	N/A
Equipment Number	PS-8
Location	SAC
Recorded By	SCHUMACHER
Witnessed By	—

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Comments

RSN & RLN CORR.

Calibration Report

Database File 30993.db
Dataset Pathname elog1.2
Dataset Creation Thu Oct 16 15:37:35 2025

ELOG Calibration Report

Serial:	D4
Model:	DTQ
Shop Calibration Performed:	Tue May 28 10:57:48 2024
Before Survey Verification Performed:	Tue May 28 10:58:07 2024
After Survey Verification Performed:	Tue May 28 10:58:23 2024

Shop Calibration

	Readings			References			Results	
	Zero	Cal		Zero	Cal		Gain	Offset
Short	1.091	51.320		0.500	50.000	Ohm-m	0.985	-0.575
Long	4.067	205.814		2.000	200.000	Ohm-m	0.981	-1.991
IEE	15.880	4023.880	counts	0.017	4.404	A		
VSN	135.940	4574.820	counts	2.593	87.259	V		
VLN	125.940	1190.980	counts	2.402	22.716	V		

Before Survey Verification

	Readings			References			Results	
	Zero	Cal		Zero	Cal		Gain	Offset
Short	773.857	101.205		761.940	101.194	Ohm-m	0.982	1.780
Long	2875.540	105.273		2823.560	105.376	Ohm-m	0.981	2.082
IEE	15.900	4163.860	counts	0.017	4.557	A		
VSN	138.240	4734.500	counts	2.637	90.305	V		
VLN	128.420	1231.200	counts	2.449	23.484	V		

After Survey Verification

	Readings			References			Results	
	Zero	Cal		Zero	Cal		Gain	Offset
Short	781.827	101.216		773.857	101.205	Ohm-m	0.988	1.173
Long	2896.480	105.271		2875.540	105.273	Ohm-m	0.992	0.792
IEE	15.640	4170.640	counts	0.017	4.564	A		
VSN	137.380	4742.740	counts	2.620	90.462	V		
VLN	127.240	1233.180	counts	2.427	23.521	V		

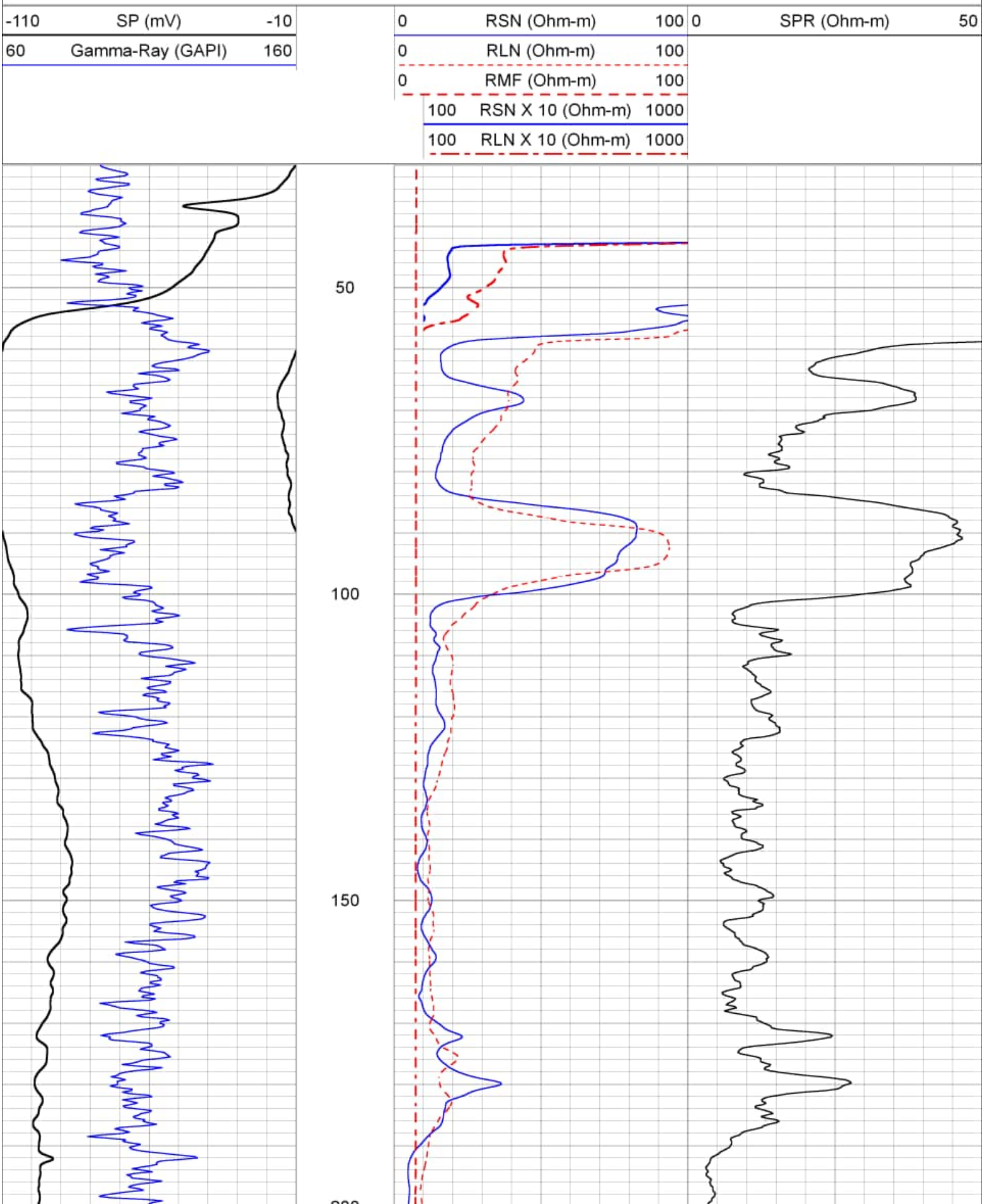
After Survey Verification compared to Before Survey Calibration

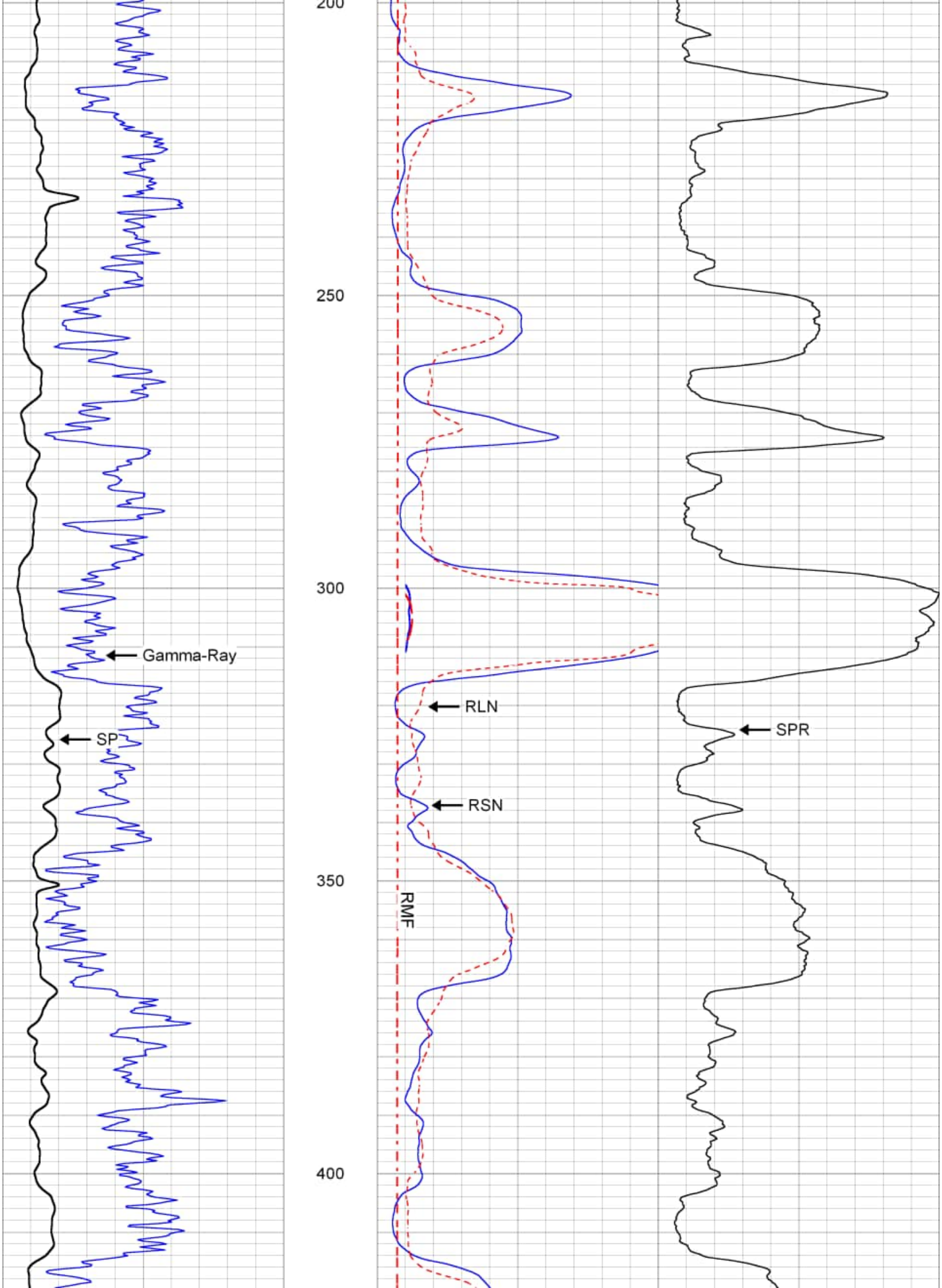
	Zero			Cal		
	Before	After		Before	After	
Short	761.940	773.857	Ohm-m	101.194	101.205	Ohm-m
Long	2823.560	2875.540	Ohm-m	105.376	105.273	Ohm-m

Gamma Ray Calibration Report

Serial Number:	D4	
Tool Model:	ELOG	
Performed:	Tue May 28 10:57:23 2024	
Calibrator Value:	162.0	GAPI
Background Reading:	101.7	cps
Calibrator Reading:	326.7	cps
Sensitivity:	0.7200	GAPI/cps

Database File	30993.db
Dataset Pathname	elog1.2
Presentation Format	elog_cwa
Dataset Creation	Thu Oct 16 15:37:35 2025
Charted by	Depth in Feet scaled 1:240

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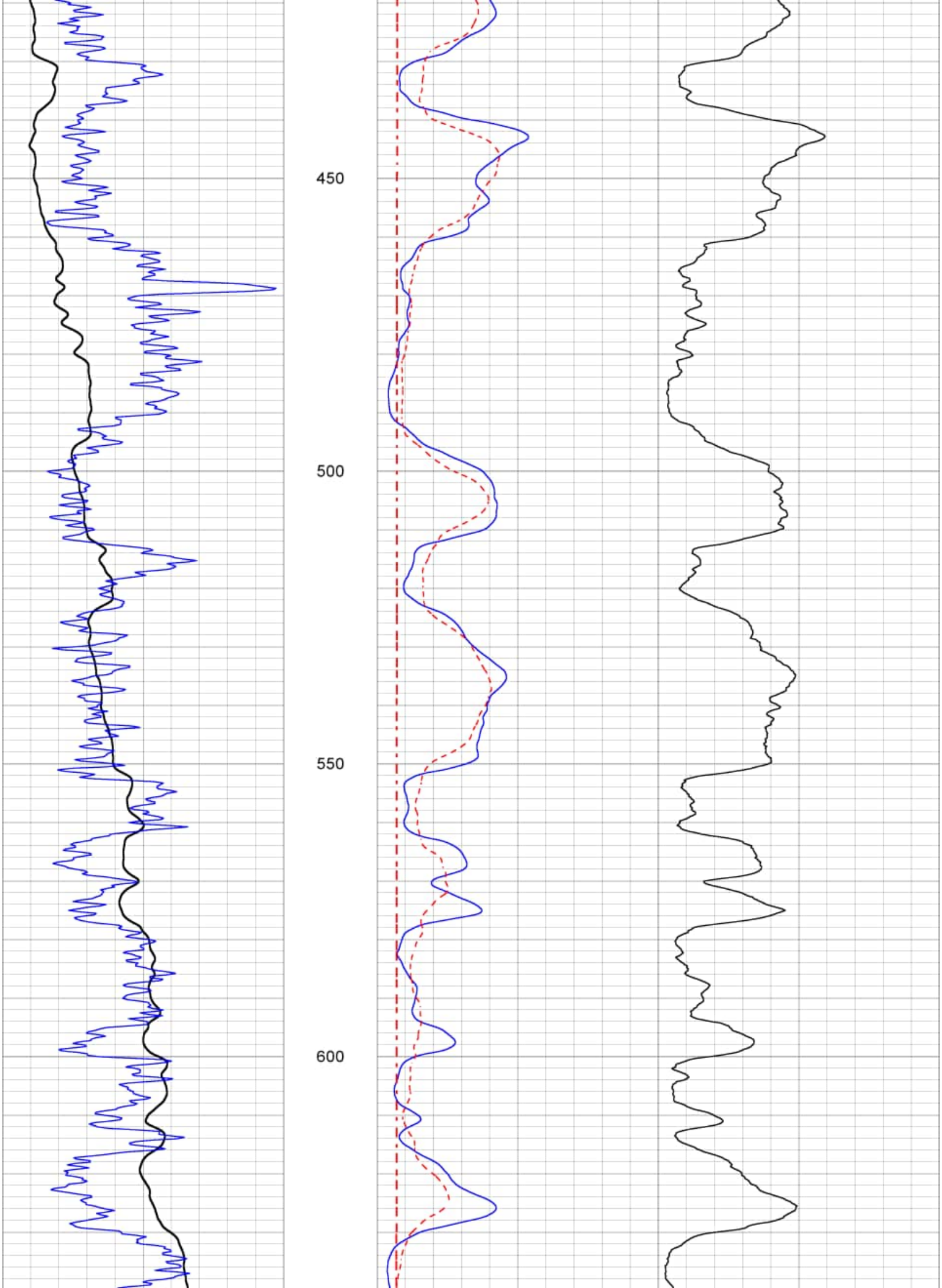
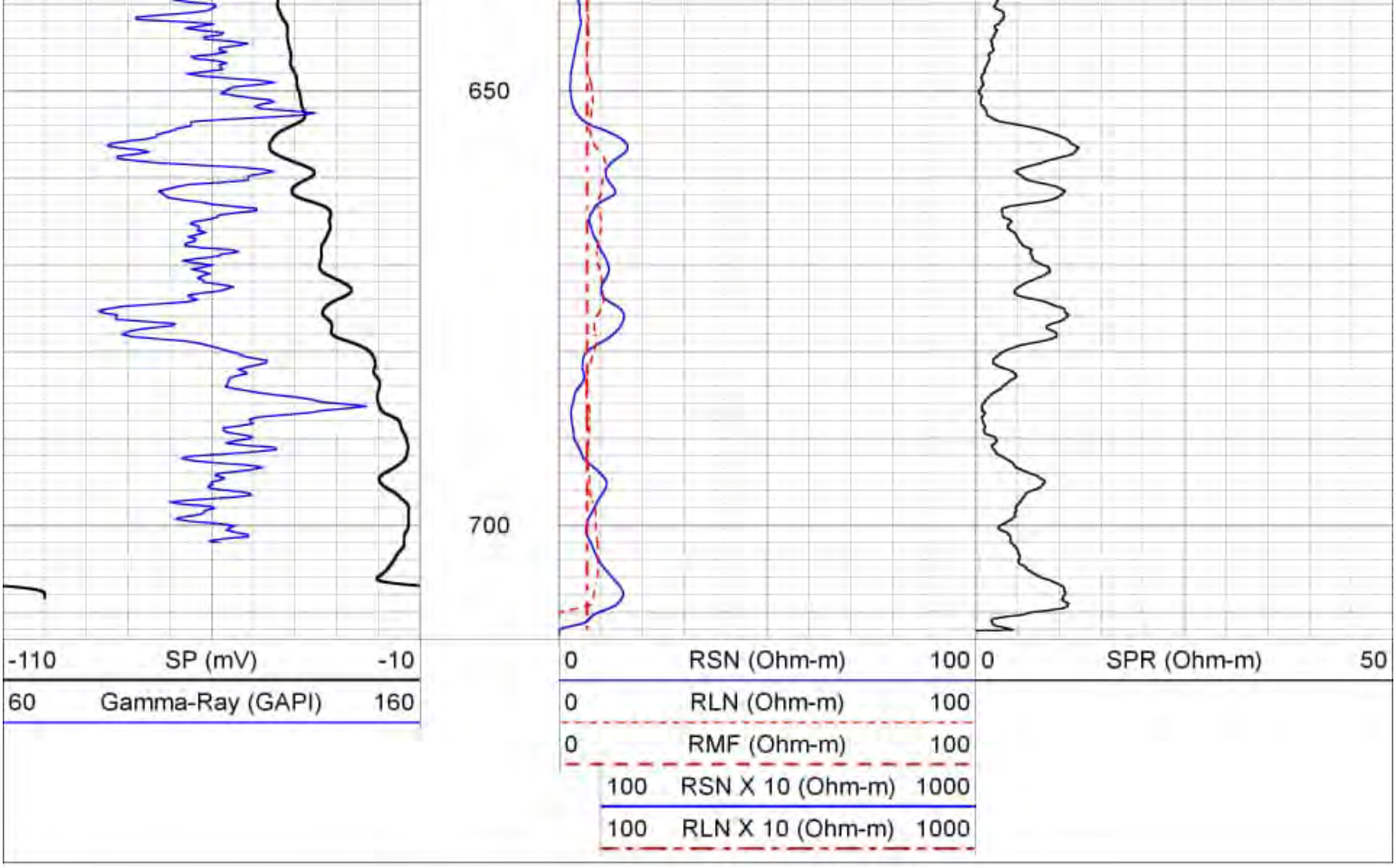
250
300
350
400
Gamma-Ray
SP
RLN
RSN
RMF
SPR


450
500
550
600



Log Variables

DatabaseC:\ProgramData\Warrior\Data\30993.db
Dataset field/well/run1/elog1.2/_vars_

Top - 700.00 ft

BOREID	BOTTEMP	CASEOD	CASETHCK	PERFS	RM_MEAS_R	RM_MEAS_T
in	degF	in	in		Ohm-m	degF
10.625	69.05	4.5	0	No	6.4	75

RMF	RSH	SPSHIFT	SRFTEMP	TDEPTH	TempGrad
Ohm-m	Ohm-m	mV	degF	ft	degF/ft
6.2	20	0	60.25	700	0.01235

700.00 ft - Bottom

BOREID	BOTTEMP	**CASEOD**	CASETHCK	PERFS	RM_MEAS_R	RM_MEAS_T
in	degF	**in**	in		Ohm-m	degF
10.625	69.05	**0**	0	No	6.4	75

RMF	RSH	SPSHIFT	SRFTEMP	TDEPTH	TempGrad
Ohm-m	Ohm-m	mV	degF	ft	degF/ft
6.2	20	0	60.25	700	0.01235

Variable Description

BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
PERFS : Perforation Flag
RM_MEAS_R : Mud Resistivity Measured
RM_MEAS_T : Mud Temperature Measured
RMF : Resistivity of Mud Filtrate
RSH : Resistivity of Shale
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
TDEPTH : Total Depth
TempGrad : Temperature Gradient

Filter Report

Database File 30993.db
Dataset Pathname elog1.2
Dataset Creation Thu Oct 16 15:37:35 2025

Filter Name	Filter Type	Filter Length
		(ft)
LSPD	Gaussian	12.00
LTEN	Gaussian	6.00
LSPDRT	None	
IEE	None	
VSN	None	
VLN	None	
SP	Gaussian	3.00
RSN	Gaussian	2.00
RLN	Gaussian	3.00
SPR	Gaussian	1.00
GR	Gaussian	2.00
HVOLT	Gaussian	1.00
INCL	Square	2.00
AZI	Square	2.00
ROLL	Square	2.00
MAG ROLL	Square	2.00
ACC TOTAL	Square	2.00
MTEMP	Square	2.00

PACIFIC SURVEYS

CALIPER
BOREHOLE VOLUMES

Job No.
33475

File No

Company	BRADLEY & SONS, INC.
Well	L-GWL-1
Field	SALINAS
County	MONTEREY State CA

Location

0.5 MI. NE OF 1056 SAN JUAN GRADE RD.
GPS: 36.7875715 -121.5892741

Sec. Twp. Rge

Other Services

ELOG/GR

Permanent Datum	G.L.		Elevation above perm. datum	Elevation
Log Measured From	G.L.	0'		K.B.
Drilling Measured From	G.L.			D.F.
				G.L.

Date	7/16/25
Run Number	ONE
Depth Driller	171'
Depth Logger	171'
Bottom Logged Interval	169'
Top Log Interval	30'
Type Caliper	3-ARM
Type Fluid in Hole	BENTONITE
Density / Viscosity	N/A
Max. Recorded Temp.	N/A
pH/Fluid Loss	N/A
Time Well Ready	14:30
Time Logger on Bottom	15:00
Equipment Number	PS-8
Location	FNO
Recorded By	FARRELL
Witnessed By	H. GRANICHER

Borehole Record				Gravel Feed/Tubing Schedule			
Run Number	Bit	From	To	Size	Type	From	To
ONE	10 5/8"	0'	171'				

Casing Schedule	Size	Wgt/Ft	Top	Bottom
Surface String				
Production String	4" PVC	N/A	0'	160'
Production String				
Production String				
Production String				

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Comments

PERFORATED INTERVAL NOT YET DETERMINED. LOG SHOWN WITH NO PERFORATIONS FOR ANNULAR VOLUME CALCULATIONS

Calibration Report

Database File 33475.db
Dataset Pathname well1/run1/cal
Dataset Creation Wed Jul 16 15:07:44 2025

XY Caliper Calibration Report

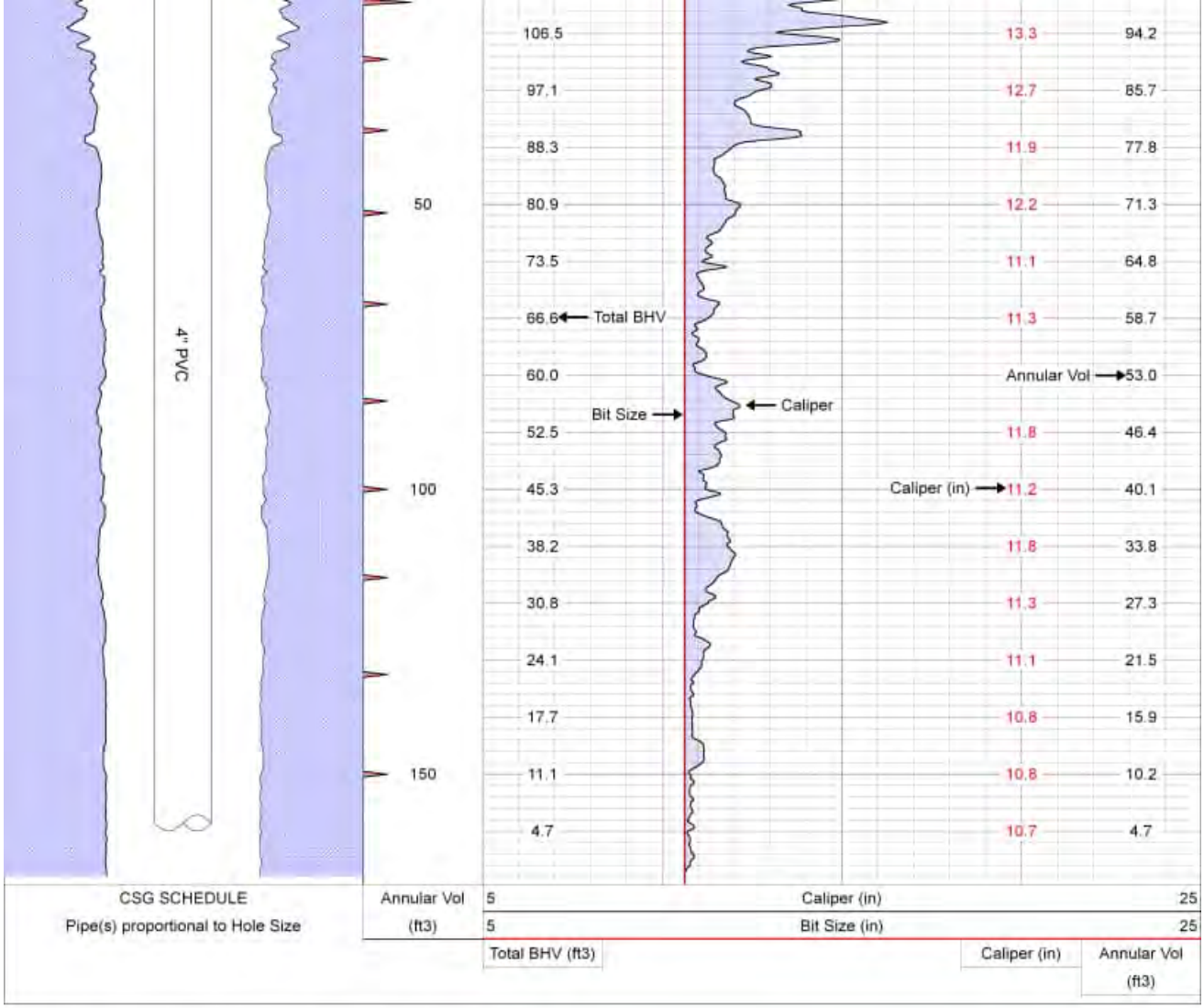
Serial Number/Model: Cal-4 Short-Comprobe
Performed: Mon Dec 30 12:08:42 2024

Ring			X Caliper		Y Caliper	
1:	4.00	in	738.92	cps	738.92	cps
2:	5.75	in	910.00	cps	910.00	cps
3:	8.00	in	1115.10	cps	1115.10	cps
4:	14.00	in	1649.94	cps	1649.94	cps
5:	20.00	in	2203.85	cps	2203.85	cps
6:		in		cps		cps
7:		in		cps		cps
8:		in		cps		cps
9:		in		cps		cps
10:		in		cps		cps

Database File 33475.db
Dataset Pathname well1/run1/cal
Presentation Format xyc_gph_final
Dataset Creation Wed Jul 16 15:07:44 2025
Charted by Depth in Feet scaled 1:240

CSG SCHEDULE
Pipe(s) proportional to Hole Size

Annular Vol (ft3)		Caliper (in)	Bit Size (in)	Caliper (in)	Annular Vol (ft3)
5		25			
5		25			
Total BHV (ft3)					



Log Variables

DatabaseC:\ProgramData\Warrior\Data\33475.db
Dataset field/well1/run1/cal/_vars_

Top - 160.00 ft

BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	PERFS	RM_MEAS_R Ohm-m	RM_MEAS_T degF	RMF Ohm-m	RSH Ohm-m	SPSHIFT mV
10.625	59.4	4	0	No	6.7	84	6.5	20	0

SRFTEMP degF	TDEPTH ft	TempGrad degF/ft
57.3	171	0.01235

160.00 ft - Bottom

BOREID in	BOTTEMP degF	**CASEOD in**	CASETHCK in	PERFS	RM_MEAS_R Ohm-m	RM_MEAS_T degF	RMF Ohm-m	RSH Ohm-m	SPSHIFT mV
10.625	59.4	**0**	0	No	6.7	84	6.5	20	0

SRFTEMP degF	TDEPTH ft	TempGrad degF/ft
57.3	171	0.01235

Variable Description

BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
PERFS : Perforation Flag
RM_MEAS_R : Mud Resistivity Measured
RM_MEAS_T : Mud Temperature Measured
RMF : Resistivity of Mud Filtrate
RSH : Resistivity of Shale
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
TDEPTH : Total Depth
TempGrad : Temperature Gradient

Filter Report

Database File 33475.db
Dataset Pathname well1/run1/cal
Dataset Creation Wed Jul 16 15:07:44 2025

Filter Name	Filter Type	Filter Length (ft)
LSPD	Gaussian	12.00
LTEN	Gaussian	6.00
LSPDRT	None	
XCAL	Gaussian	2.00
YCAL	Gaussian	2.00
Radius	Gaussian	2.00

PACIFIC SURVEYS

CALIPER
BOREHOLE VOLUME

Job No.	33543
Company	BRADLEY & SONS, INC.
Well	L-GWL-4
Field	PRUNEDALE
File No	
County	MONTEREY
State	CA

Location:

6241 ECHO VALLEY CT
GPS: 36.8219293 -121.6312078

Sec. Twp. Rge.

Other Services:

ELOG/GR

Permanent Datum	G.L.		Elevation above perm. datum	Elevation K.B. D.F. G.L.
Log Measured From	G.L.	0'		
Drilling Measured From	G.L.			

Date	5/30/25
Run Number	ONE
Depth Driller	407'
Depth Logger	407'
Bottom Logged Interval	405'
Top Log Interval	0'
Casing Driller	N/A
Casing Logger	N/A
Bit Size	10.625"
Type Fluid in Hole	BENT/ASH/DRISPAC
Density / Viscosity	9.4 | 32.5
pH / Fluid Loss	9.0 | 10
Source of Sample	PIT
Rm @ Meas. Temp	3.73 @ 88.5F
Rmf @ Meas. Temp	3.46 @ 88.5F
Rmc @ Meas. Temp	N/A
Source of Rmf / Rmc	MEASURED
Rm @ BHT	N/A
Time Circulation Stopped	15:10
Time Logger on Bottom	16:40
Max. Recorded Temperature	N/A
Equipment Number	PS-8
Location	FNO
Recorded By	FARRELL
Witnessed By	P. KEICHER

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Comments

Calibration Report

Database File	33543.db
Dataset Pathname	CAL
Dataset Creation	Fri May 30 16:47:32 2025

XY Caliper Calibration Report

Serial Number/Model:
Performed:

Cal-4 Short-Comprobe
Mon Dec 30 12:08:42 2024

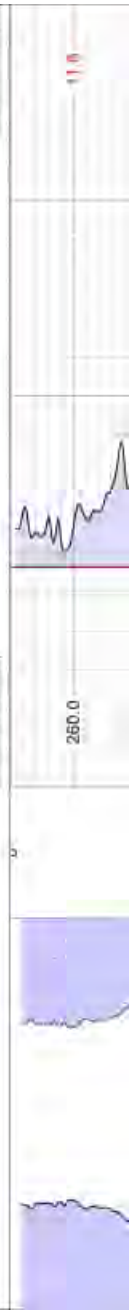
Ring			X Caliper		Y Caliper	
1:	4.00	in	738.92	cps	738.92	cps
2:	5.75	in	910.00	cps	910.00	cps
3:	8.00	in	1115.10	cps	1115.10	cps
4:	14.00	in	1649.94	cps	1649.94	cps
5:	20.00	in	2203.85	cps	2203.85	cps
6:		in		cps		cps
7:		in		cps		cps
8:		in		cps		cps
9:		in		cps		cps
10:		in		cps		cps

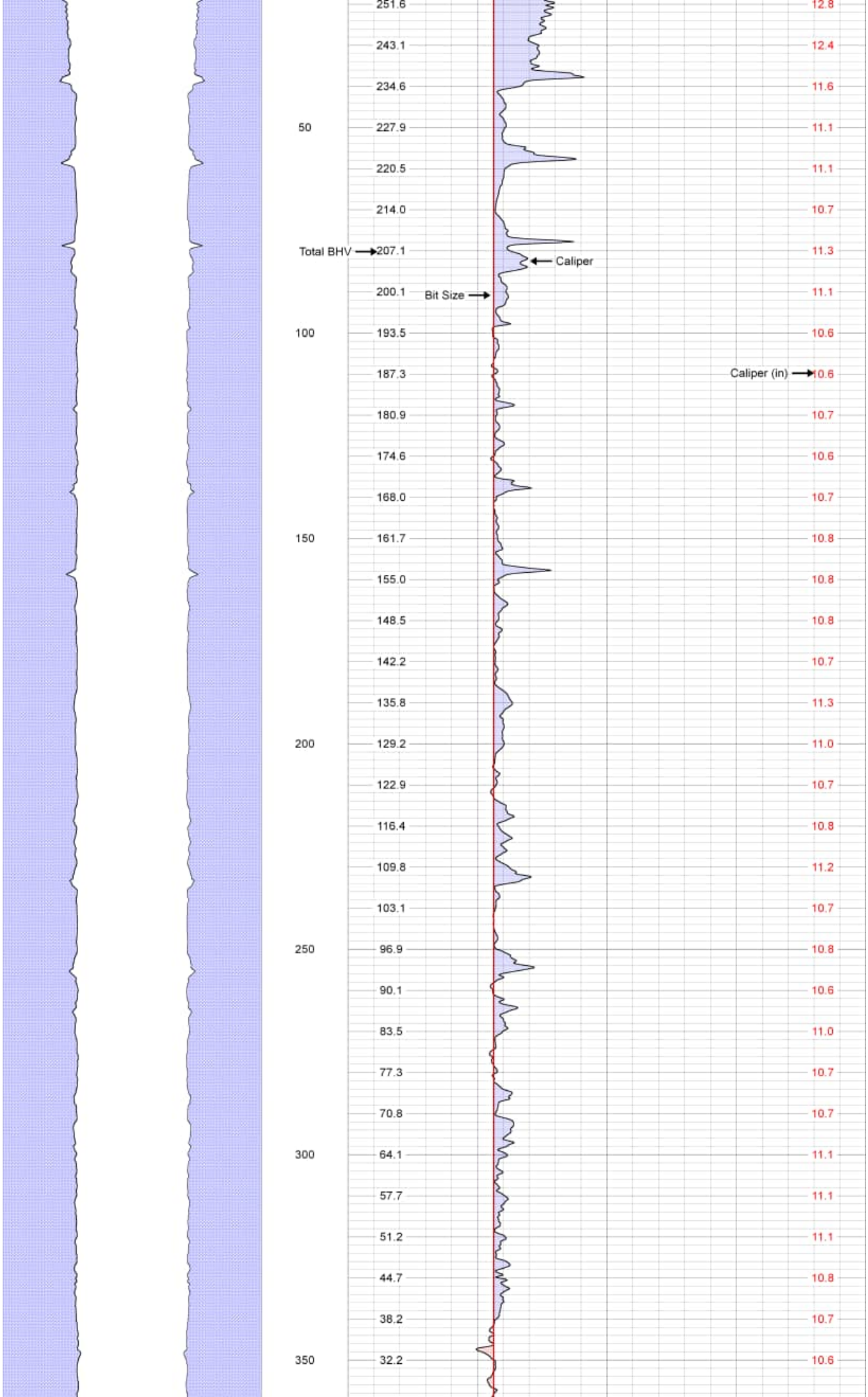
Database File	33543.db
Dataset Pathname	CAL
Presentation Format	xyc_gph_final
Dataset Creation	Fri May 30 16:47:32 2025
Charted by	Depth in Feet scaled 1:240

CSG SCHEDULE

Pipe(s) proportional to Hole Size

	Caliper (in)	
5		25
5	Bit Size (in)	25
Total BHV (ft3)		Caliper (in)




251.6
243.1
234.6
227.9
220.5
214.0
Total BHV
207.1
Caliper
200.1
Bit Size
193.5
187.3
Caliper (in)
180.9
174.6
168.0
161.7
155.0
148.5
142.2
135.8
129.2
122.9
116.4
109.8
103.1
96.9
90.1
83.5
77.3
70.8
64.1
57.7
51.2
44.7
38.2
32.2
50
100
150
200
250
300
350
12.8
12.4
11.6
11.1
11.1
10.7
11.3
11.1
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10.6
10.7
10.6
10.7
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10.8
10.8
10.7
11.3
11.0
10.7
10.8
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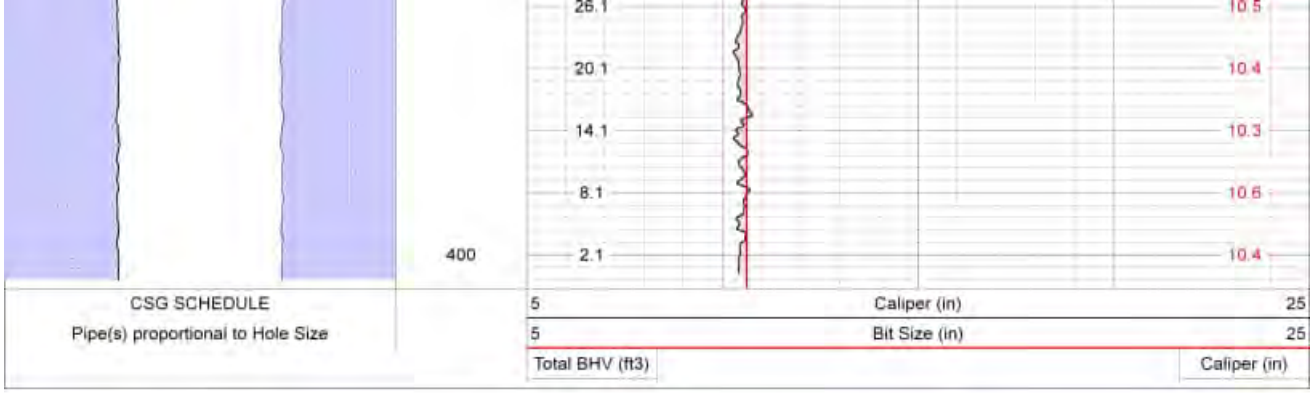
10.7
10.6



Log Variables

DatabaseC:\ProgramData\Warrior\Data\33543.db
Dataset field/well/run1/CAL/_vars_

Top - Bottom

BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	PERFS	RM_MEAS_R Ohm-m	RM_MEAS_T degF	RMF Ohm-m	RSH Ohm-m	SPSHIFT mV
10.625	62.33	0	0	No	7	75	7	20	0

SRFTEMP degF	TDEPTH ft	TempGrad degF/ft
57.3	407	0.01235

Variable Description

BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
PERFS : Perforation Flag
RM_MEAS_R : Mud Resistivity Measured
RM_MEAS_T : Mud Temperature Measured
RMF : Resistivity of Mud Filtrate
RSH : Resistivity of Shale
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
TDEPTH : Total Depth
TempGrad : Temperature Gradient

Filter Report

Database File 33543.db
Dataset Pathname CAL
Dataset Creation Fri May 30 16:47:32 2025

Filter Name	Filter Type	Filter Length (ft)
LSPD	Gaussian	12.00
LTEN	Gaussian	6.00
LSPDRT	None	
XCAL	Gaussian	2.00
YCAL	Gaussian	2.00
Radius	Gaussian	2.00

PACIFIC SURVEYS

CALIPER
BOREHOLE VOLUMES

Job No. 33604

File No.

Company	BRADLEY & SONS, INC.
Well	ES-1A
Field	SALINAS
County	MONTEREY
State	CALIFORNIA

Location:

10 SHERWOOD PLACE
GPS: 36.6853 -121.6476

Sec. Twp. Rge.

Other Services:

NONE

Permanent Datum	GL	Elevation above perm. datum	Elevation K.B. D.F. G.L.
Log Measured From	GL 0'		
Drilling Measured From	GL		

Date	18 JUN, 2025
Run Number	ONE
Depth Driller	920'
Depth Logger	920'
Bottom Logged Interval	920'
Top Log Interval	0'
Type Caliper	3 ARM
Type Fluid in Hole	BENTONITE
Density / Viscosity	NA
Max. Recorded Temp.	NA
pH/Fluid Loss	NA
Time Well Ready	06:30
Time Logger on Bottom	07:15
Equipment Number	PS7
Location	BFL
Recorded By	BURGE
Witnessed By	—

Borehole Record				Gravel Feed/Tubing Schedule			
Run Number	Bit	From	To	Size	Type	From	To
	10.625"	6'	920'				

Casing Schedule	Size	Wgt/Ft	Top	Bottom
Surface String	16" OD	.375"	0'	6'
Production String	4.5" OD	.25"	0'	905'
Production String				
Production String				
Production String				

<<< Fold Here >>>

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Comments

PERFORATIONS:
850' - 900'

Calibration Report

Database File 33604.db
Dataset Pathname CAL
Dataset Creation Wed Jun 18 07:08:31 2025

XY Caliper Calibration Report

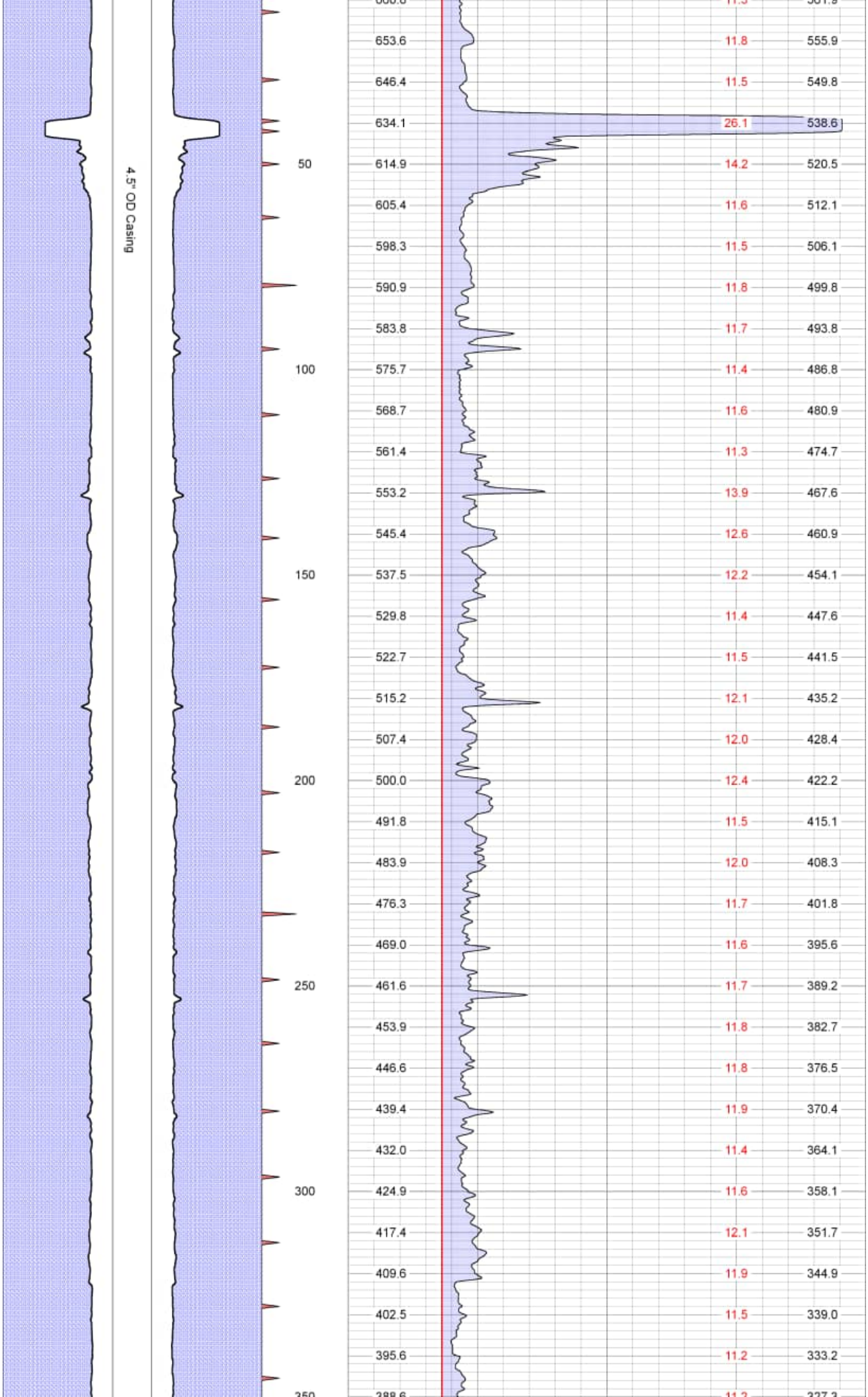
Serial Number/Model: CAL-7_SHORT-ALLEN
Performed: Wed Apr 5 13:21:10 2023

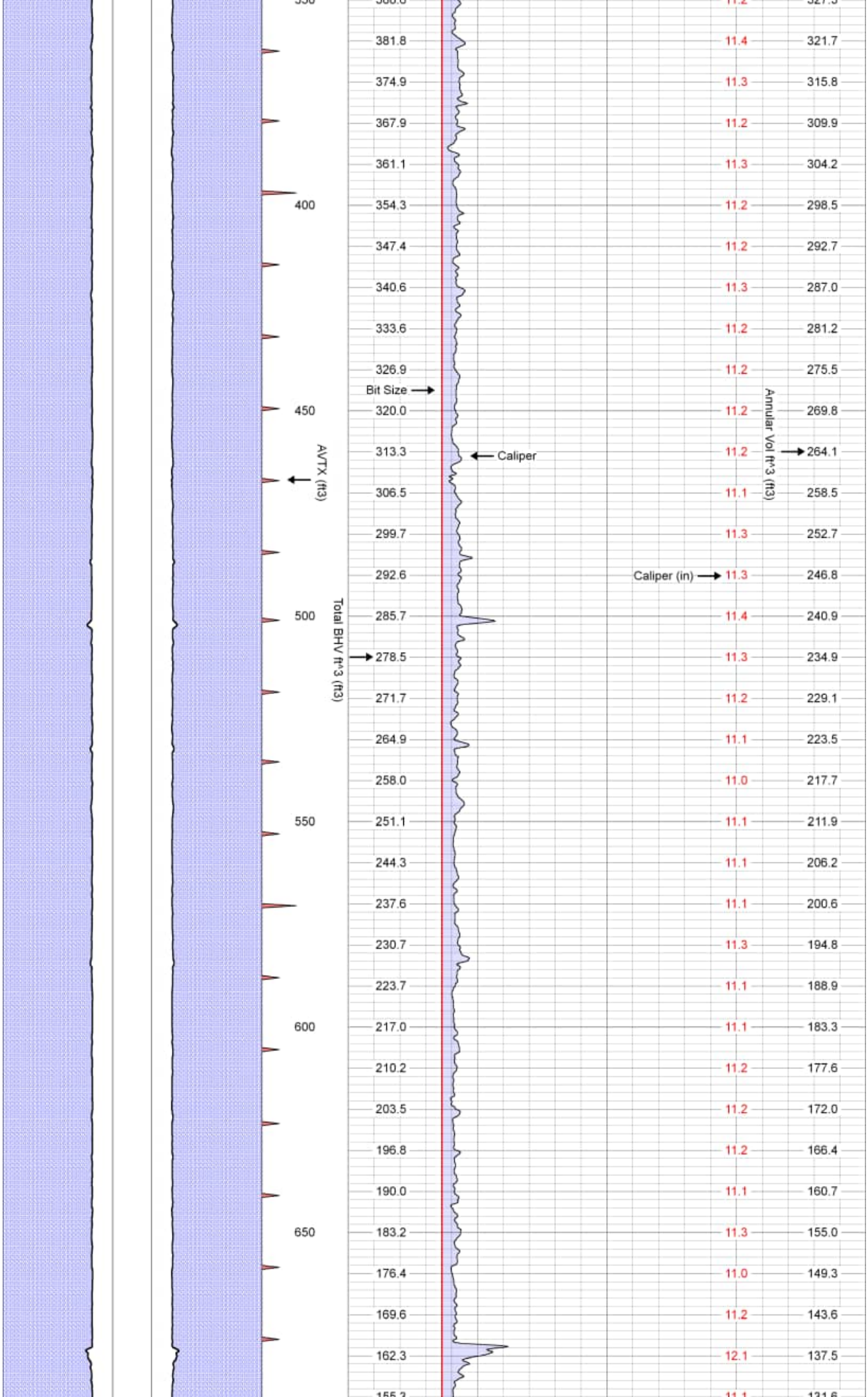
	Ring		X Caliper		Y Caliper	
1:	4.00	in	1035.88	cps	1035.88	cps
2:	5.75	in	1194.57	cps	1194.57	cps
3:	8.00	in	1381.99	cps	1381.99	cps
4:	12.25	in	1730.41	cps	1730.41	cps
5:		in		cps		cps
6:		in		cps		cps
7:		in		cps		cps
8:		in		cps		cps
9:		in		cps		cps
10:		in		cps		cps

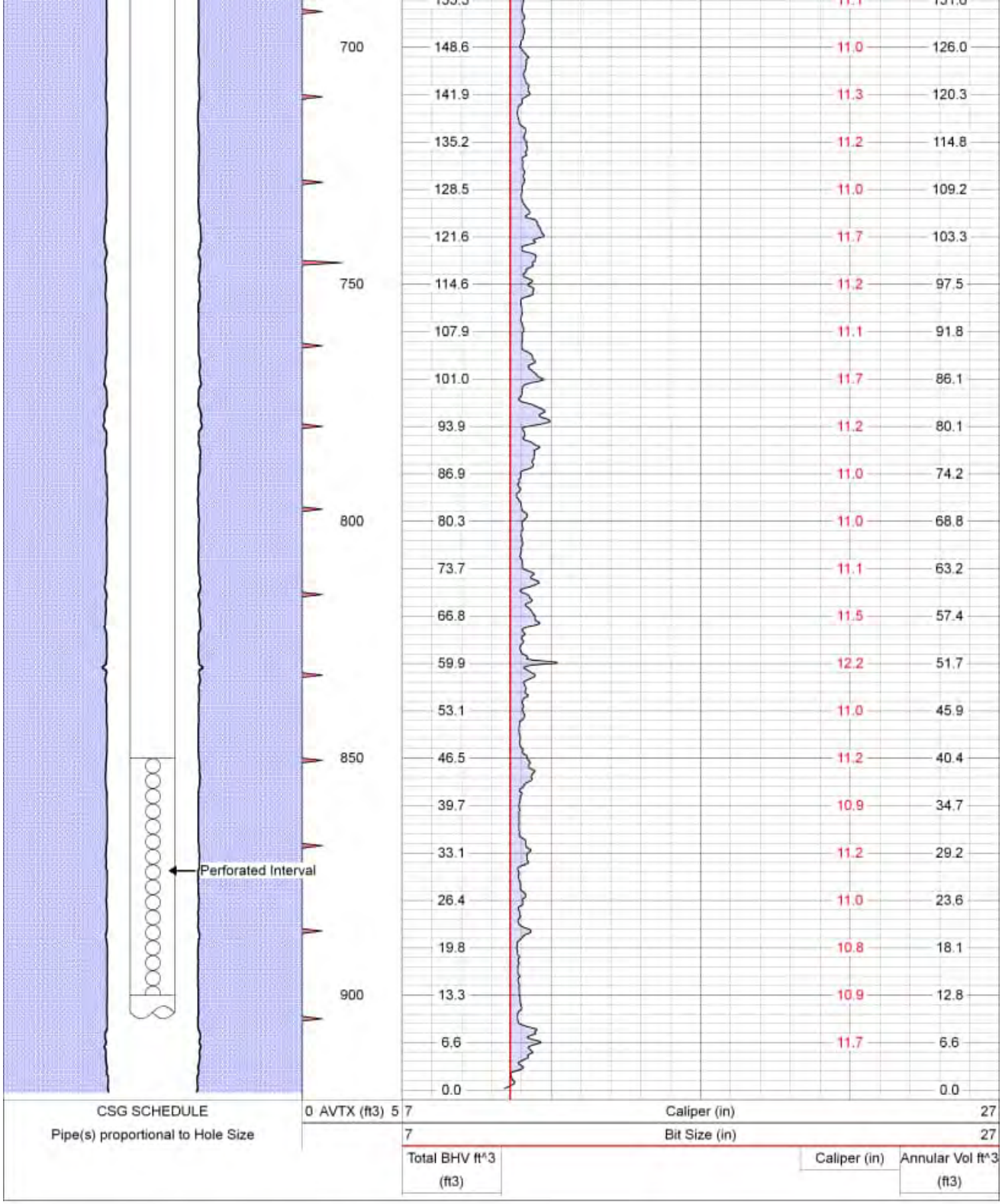
Database File 33604.db
Dataset Pathname CAL.1
Presentation Format xyc_gph_final
Dataset Creation Wed Jun 18 07:53:23 2025
Charted by Depth in Feet scaled 1:240

CSG SCHEDULE

Pipe(s) proportional to Hole Size


4.5" OD Casing
50
100
150
200
250
300
350
653.6 11.8 555.9
646.4 11.5 549.8
634.1 26.1 538.6
614.9 14.2 520.5
605.4 11.6 512.1
598.3 11.5 506.1
590.9 11.8 499.8
583.8 11.7 493.8
575.7 11.4 486.8
568.7 11.6 480.9
561.4 11.3 474.7
553.2 13.9 467.6
545.4 12.6 460.9
537.5 12.2 454.1
529.8 11.4 447.6
522.7 11.5 441.5
515.2 12.1 435.2
507.4 12.0 428.4
500.0 12.4 422.2
491.8 11.5 415.1
483.9 12.0 408.3
476.3 11.7 401.8
469.0 11.6 395.6
461.6 11.7 389.2
453.9 11.8 382.7
446.6 11.8 376.5
439.4 11.9 370.4
432.0 11.4 364.1
424.9 11.6 358.1
417.4 12.1 351.7
409.6 11.9 344.9
402.5 11.5 339.0
395.6 11.2 333.2


AVTX (ft3)
Total BHV ft^3 (ft3)
Bit Size
Caliper
Caliper (in)
Annular Vol ft^3 (ft3)
400
450
500
550
600
650
381.8
374.9
367.9
361.1
354.3
347.4
340.6
333.6
326.9
320.0
313.3
306.5
299.7
292.6
285.7
278.5
271.7
264.9
258.0
251.1
244.3
237.6
230.7
223.7
217.0
210.2
203.5
196.8
190.0
183.2
176.4
169.6
162.3
11.4
11.3
11.2
11.3
11.2
11.2
11.3
11.2
11.2
11.2
11.2
11.1
11.3
11.3
11.4
11.3
11.2
11.1
11.0
11.1
11.1
11.1
11.3
11.1
11.1
11.2
11.2
11.1
11.3
11.0
11.2
12.1
321.7
315.8
309.9
304.2
298.5
292.7
287.0
281.2
275.5
269.8
264.1
258.5
252.7
246.8
240.9
234.9
229.1
223.5
217.7
211.9
206.2
200.6
194.8
188.9
183.3
177.6
172.0
166.4
160.7
155.0
149.3
143.6
137.5



Log Variables

DatabaseC:\ProgramData\Warrior\Data\33604.db
Dataset field/well/run1/CAL/_vars_

Top - 905.00 ft

BOREID	BOTTEMP	CASEOD	CASETHCK	PERFS	SRFTEMP	TDEPTH
in	degF	in	in		degF	ft
10.625	100	4.5	0	No	70	920

905.00 ft - Bottom

BOREID	BOTTEMP	**CASEOD**	CASETHCK	PERFS	SRFTEMP	TDEPTH
in	degF	**in**	in		degF	ft
10.625	100	**0**	0	No	70	920

Variable Description

BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
PERFS : Perforation Flag
SRFTEMP : Surface Temperature
TDEPTH : Total Depth

Filter Report

Filter Report

Database File 33604.db
Dataset Pathname CAL
Dataset Creation Wed Jun 18 07:08:31 2025

Filter Name	Filter Type	Filter Length (ft)
LSPD	Gaussian	10.00
LTEN	None	
LSPDRT	None	
XCAL	Gaussian	2.00
YCAL	Gaussian	2.00
Radius	Gaussian	2.00

PACIFIC SURVEYS

CALIPER
BOREHOLE VOLUMES

Job No.
33463

File No

Company	BRADLEY & SONS, INC.
Well	ES-1B
Field	SALINAS
County	MONTEREY State CA

Location

10 SHERWOOD PLACE
GPS: 36.6854995 -121.6475803

Sec. Twp. Rge

Other Services

CAL/BHV

Permanent Datum	G.L.		Elevation above perm. datum	Elevation
Log Measured From	G.L.	0'		K.B.
Drilling Measured From	G.L.			D.F.
				G.L.

Date	6/25/25
Run Number	ONE
Depth Driller	510'
Depth Logger	509'
Bottom Logged Interval	506'
Top Log Interval	0'
Type Caliper	3-ARM
Type Fluid in Hole	BENTONITE
Density / Viscosity	9.0 | 27
Max. Recorded Temp	N/A
pH/Fluid Loss	N/A
Time Well Ready	13:00
Time Logger on Bottom	13:10
Equipment Number	PS-8
Location	FNO
Recorded By	FARRELL
Witnessed By	H. GRANICHER

Borehole Record				Gravel Feed/Tubing Schedule			
Run Number	Bit	From	To	Size	Type	From	To
ONE	10.625"	0'	510'				

Casing Schedule	Size	Wgt/Ft	Top	Bottom
Surface String				
Production String	4" PVC	SCH 80	0'	495'
Production String				
Production String				
Production String				

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Comments

HORIZONTAL MILLED SLOTS FROM 440' - 490'

Calibration Report

Database File 33463.db
Dataset Pathname CAL
Dataset Creation Wed Jun 25 13:44:35 2025

XY Caliper Calibration Report

Cal-4 Short-Comprobe
Mon Dec 30 12:08:42 2024

Serial Number/Model:
Performed:

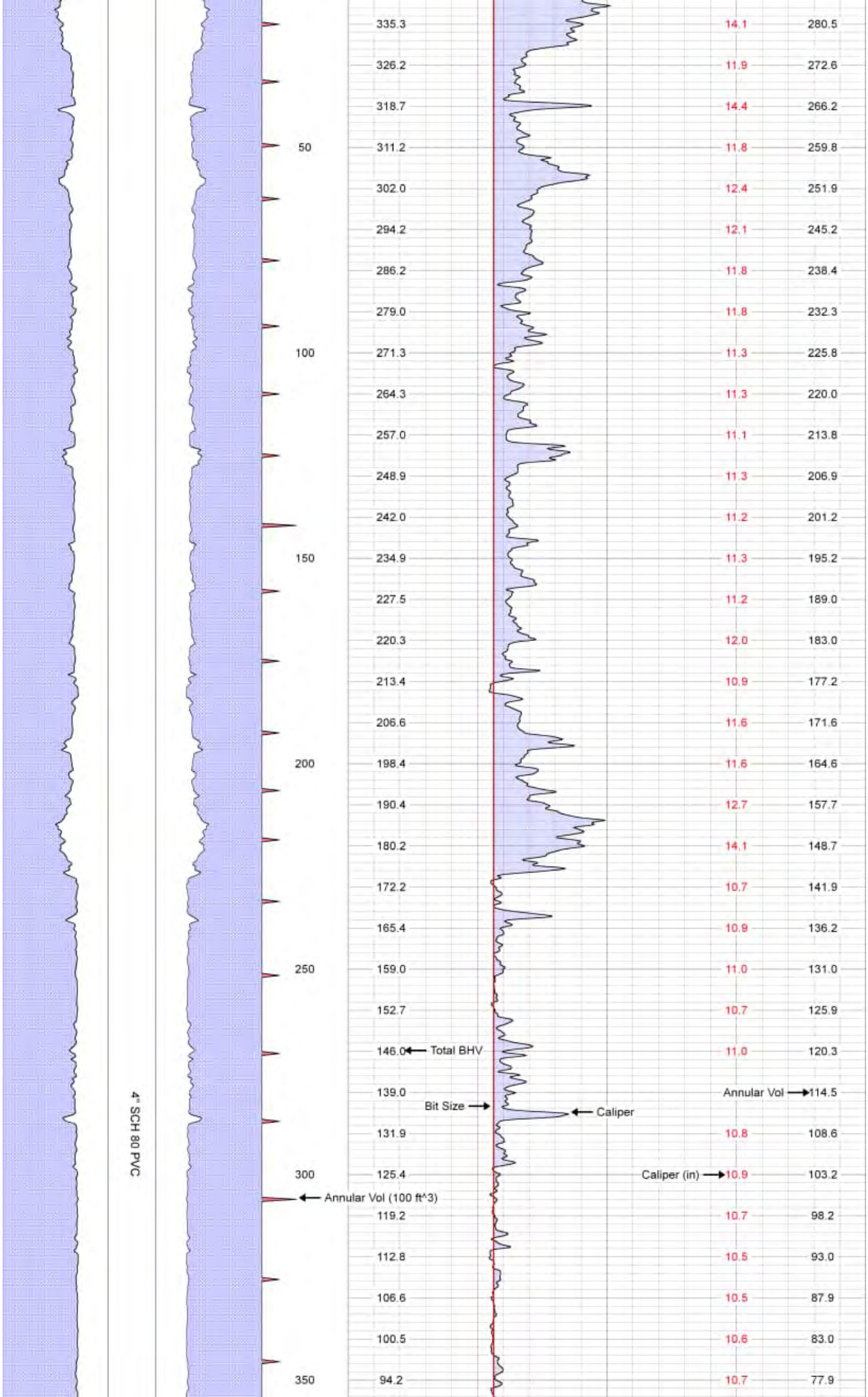
Ring			X Caliper		Y Caliper	
1:	4.00	in	738.92	cps	738.92	cps
2:	5.75	in	910.00	cps	910.00	cps
3:	8.00	in	1115.10	cps	1115.10	cps
4:	14.00	in	1649.94	cps	1649.94	cps
5:	20.00	in	2203.85	cps	2203.85	cps
6:		in		cps		cps
7:		in		cps		cps
8:		in		cps		cps
9:		in		cps		cps
10:		in		cps		cps

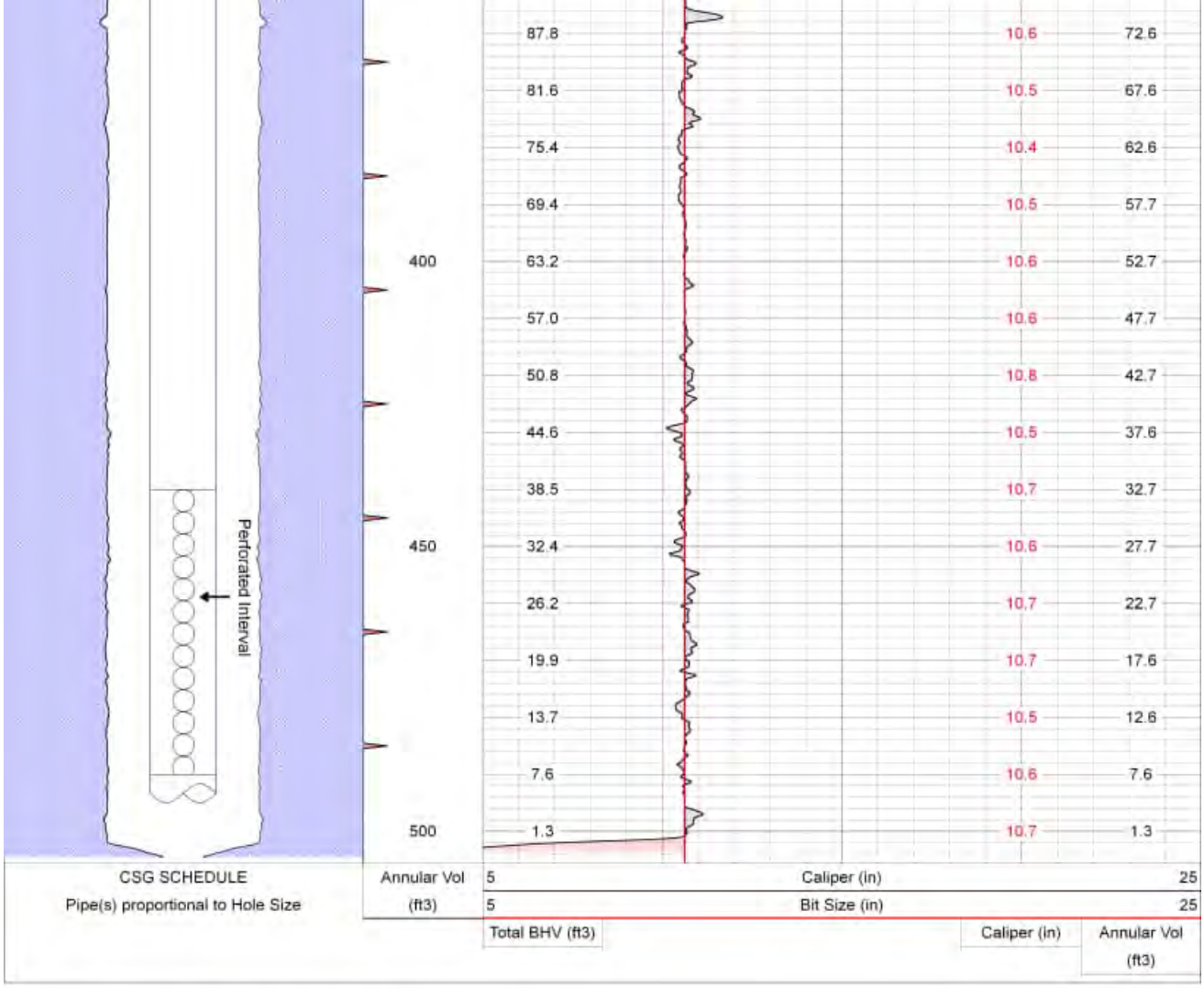
Database File 33463.db
Dataset Pathname CAL
Presentation Format xyc_gph_final
Dataset Creation Wed Jun 25 13:44:35 2025
Charted by Depth in Feet scaled 1:240

CSG SCHEDULE

Pipe(s) proportional to Hole Size

	Annular Vol (ft3)	Caliper (in)	Bit Size (in)	Caliper (in)	Annular Vol (ft3)
	5				25
Total BHV (ft3)	5				25


4" SCH 80 PVC
50
100
150
200
250
300
350
Annular Vol (100 ft^3)
335.3
326.2
318.7
311.2
302.0
294.2
286.2
279.0
271.3
264.3
257.0
248.9
242.0
234.9
227.5
220.3
213.4
206.6
198.4
190.4
180.2
172.2
165.4
159.0
152.7
146.0
Total BHV
139.0
Bit Size
131.9
125.4
119.2
112.8
106.6
100.5
94.2
Caliper
14.1
11.9
14.4
11.8
12.4
12.1
11.8
11.8
11.3
11.3
11.1
11.3
11.2
11.3
11.2
12.0
10.9
11.6
11.6
12.7
14.1
10.7
10.9
11.0
10.7
11.0
Annular Vol
Caliper (in)
10.8
10.9
10.7
10.5
10.5
10.6
10.7
280.5
272.6
266.2
259.8
251.9
245.2
238.4
232.3
225.8
220.0
213.8
206.9
201.2
195.2
189.0
183.0
177.2
171.6
164.6
157.7
148.7
141.9
136.2
131.0
125.9
120.3
114.5
108.6
103.2
98.2
93.0
87.9
83.0
77.9



Log Variables

DatabaseC:\ProgramData\Warrior\Data\33463.db
Dataset field/well/run1/CAL/_vars_

Top - 490.00 ft

BOREID	BOTTEMP	CASEOD	CASETHCK	PERFS	RM_MEAS_R	RM_MEAS_T	RMF	RSH	SPSHIFT
in	degF	in	in		Ohm-m	degF	Ohm-m	Ohm-m	mV
10.625	100	4.625	0	No	0.1	75	0.1	20	0

SRFTEMP	TDEPTH	TempGrad
degF	ft	degF/ft
0	506	0.01235

490.00 ft - Bottom

BOREID	BOTTEMP	**CASEOD**	CASETHCK	PERFS	RM_MEAS_R	RM_MEAS_T	RMF	RSH	SPSHIFT
in	degF	**in**	in		Ohm-m	degF	Ohm-m	Ohm-m	mV
10.625	100	**0**	0	No	0.1	75	0.1	20	0

SRFTEMP	TDEPTH	TempGrad
degF	ft	degF/ft
0	506	0.01235

Variable Description

BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
PERFS : Perforation Flag
RM_MEAS_R : Mud Resistivity Measured
RM_MEAS_T : Mud Temperature Measured
RMF : Resistivity of Mud Filtrate
RSH : Resistivity of Shale
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
TDEPTH : Total Depth
TempGrad : Temperature Gradient

Filter Report

Database File 33463.db
Dataset Pathname CAL
Dataset Creation Wed Jun 25 13:44:35 2025

Filter Name	Filter Type	Filter Length (ft)
LSPD	Gaussian	12.00
LTEN	Gaussian	6.00
LSPDRT	None	
XCAL	Gaussian	2.00
YCAL	Gaussian	2.00
Radius	Gaussian	2.00

PACIFIC SURVEYS

ELECTRIC LOG
GAMMA RAY

Job No.	33468
Company	BRADLEY & SONS, INC.
Well	ES-DA-1C
Field	SALINAS
File No	
County	MONTEREY
State	CA

Location	10 SHERWOOD PLACE GPS: 36.6857514 -121.6473808
Sec.	
Twp.	
Rge	
Other Services	NONE

Permanent Datum	G.L.		Elevation above perm. datum	Elevation
Log Measured From	G.L.	0'		K.B.
Drilling Measured From	G.L.			D.F.
				G.L.

Date	7/8/25
Run Number	ONE
Depth Driller	273'
Depth Logger	265'
Bottom Logged Interval	265'
Top Log Interval	0'
Type Caliper	3-ARM
Type Fluid in Hole	BENTONITE
Density / Viscosity	N/A
Max. Recorded Temp	N/A
pH/Fluid Loss	N/A
Time Well Ready	13:30
Time Logger on Bottom	13:55
Equipment Number	PS-8
Location	FNO
Recorded By	FARRELL
Witnessed By	H. GRANICHER

Borehole Record				Gravel Feed/Tubing Schedule			
Run Number	Bit	From	To	Size	Type	From	To
ONE	10.625"	0'	273'				

Casing Schedule	Size	Wgt/Ft	Top	Bottom
Surface String				
Production String	4"	SCH. 80 PVC	0'	255'
Production String				
Production String				
Production String				

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Comments

PERFORATED INTERVAL FROM 200' TO 250'

Calibration Report

Database File	33468.db
Dataset Pathname	cal
Dataset Creation	Tue Jul 08 14:11:27 2025

XY Caliper Calibration Report

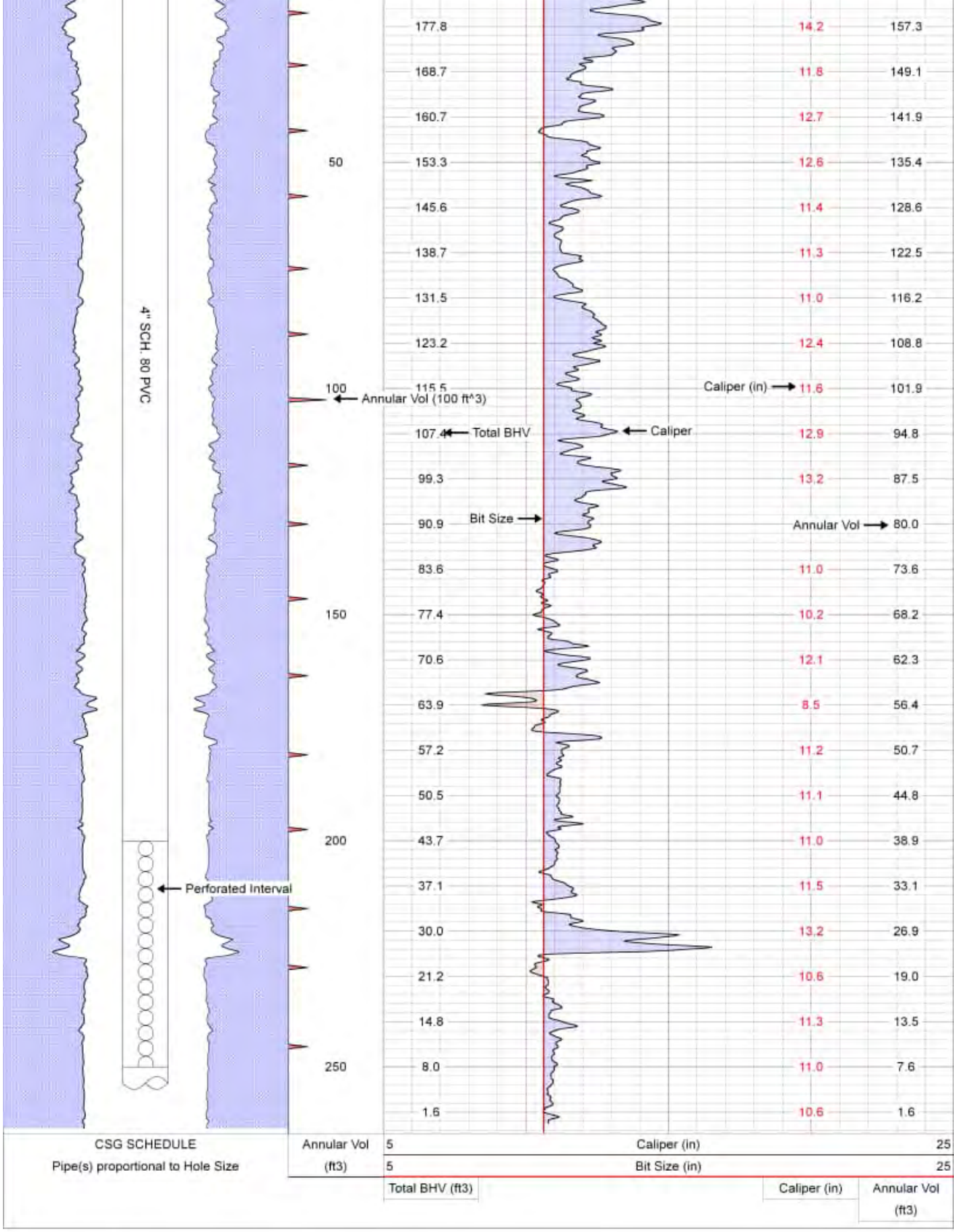
Serial Number/Model:
Performed:

Cal-4 Short-Comprobe
Mon Dec 30 12:08:42 2024

Ring			X Caliper		Y Caliper	
1:	4.00	in	738.92	cps	738.92	cps
2:	5.75	in	910.00	cps	910.00	cps
3:	8.00	in	1115.10	cps	1115.10	cps
4:	14.00	in	1649.94	cps	1649.94	cps
5:	20.00	in	2203.85	cps	2203.85	cps
6:		in		cps		cps
7:		in		cps		cps
8:		in		cps		cps
9:		in		cps		cps
10:		in		cps		cps

Database File	33468.db
Dataset Pathname	cal
Presentation Format	xyc_gph_final
Dataset Creation	Tue Jul 08 14:11:27 2025
Charted by	Depth in Feet scaled 1:240

CSG SCHEDULE	Annular Vol (ft3)	Caliper (in)	Bit Size (in)	Annular Vol (ft3)
Pipe(s) proportional to Hole Size	5	25	25	
	5			
	Total BHV (ft3)	Caliper (in)		



Log Variables

DatabaseC:\ProgramData\Warrior\Data\33468.db
Dataset field/well/run1/cal/_vars_

Top - 255.00 ft

BOREID	BOTTEMP	CASEOD	CASETHCK	PERFS	SRFTEMP	TDEPTH
in	degF	in	in		degF	ft
10.625	100	4	0	No	0	265

255.00 ft - Bottom

BOREID	BOTTEMP	**CASEOD**	CASETHCK	PERFS	SRFTEMP	TDEPTH
in	degF	**in**	in		degF	ft
10.625	100	**0**	0	No	0	265

Variable Description

BOREID : Borehole I.D.
CASETHCK : Casing Thickness
TDEPTH : Total Depth

BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
PERFS : Perforation Flag
SRFTEMP : Surface Temperature

Filter Report

Database File 33468.db
Dataset Pathname cal
Dataset Creation Tue Jul 08 14:11:27 2025

Filter Name	Filter Type	Filter Length
		(ft)
LSPD	Gaussian	12.00
LTEN	Gaussian	6.00
LSPDRT	None	
XCAL	Gaussian	2.00
YCAL	Gaussian	2.00
Radius	Gaussian	2.00

PACIFIC SURVEYS

CALIPER BOREHOLE VOLUMES

Job No. 33970	Company	BRADLEY & SONS, INC.	
	Well	F-DA-1	
	Field	SOLEDAD	
File No.	County	MONTEREY	State CALIFORNIA

Location:

CORNER OF MISSION RD & FOOTHILL RD
GPS. 36.3927 -121.3677

Sec. Twp. Rge.

Other Services:

ELOG/GR

Permanent Datum	GL	Elevation above perm. datum	Elevation
Log Measured From	GL 0'		K.B.
Drilling Measured From	GL		D.F.
			G.L.

Date	12 SEPT, 2025
Run Number	ONE
Depth Driller	1300'
Depth Logger	1298'
Bottom Logged Interval	1298'
Top Log Interval	30'
Type Caliper	3 ARM
Type Fluid in Hole	BENTONITE
Density / Viscosity	NA
Max. Recorded Temp.	NA
pH/Fluid Loss	NA
Time Well Ready	12:00
Time Logger on Bottom	12:30
Equipment Number	PS 14
Location	BFL
Recorded By	BURGE
Witnessed By	---

Borehole Record				Gravel Feed/Tubing Schedule			
Run Number	Bit	From	To	Size	Type	From	To
	10.625"	0'	1300'				

Casing Schedule	Size	Wgt/Ft	Top	Bottom
Surface String				
Production String	4.5" OD	.25"	0'	1290'
Production String				
Production String				
Production String				

<< Fold Here >>>

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Comments

Calibration Report

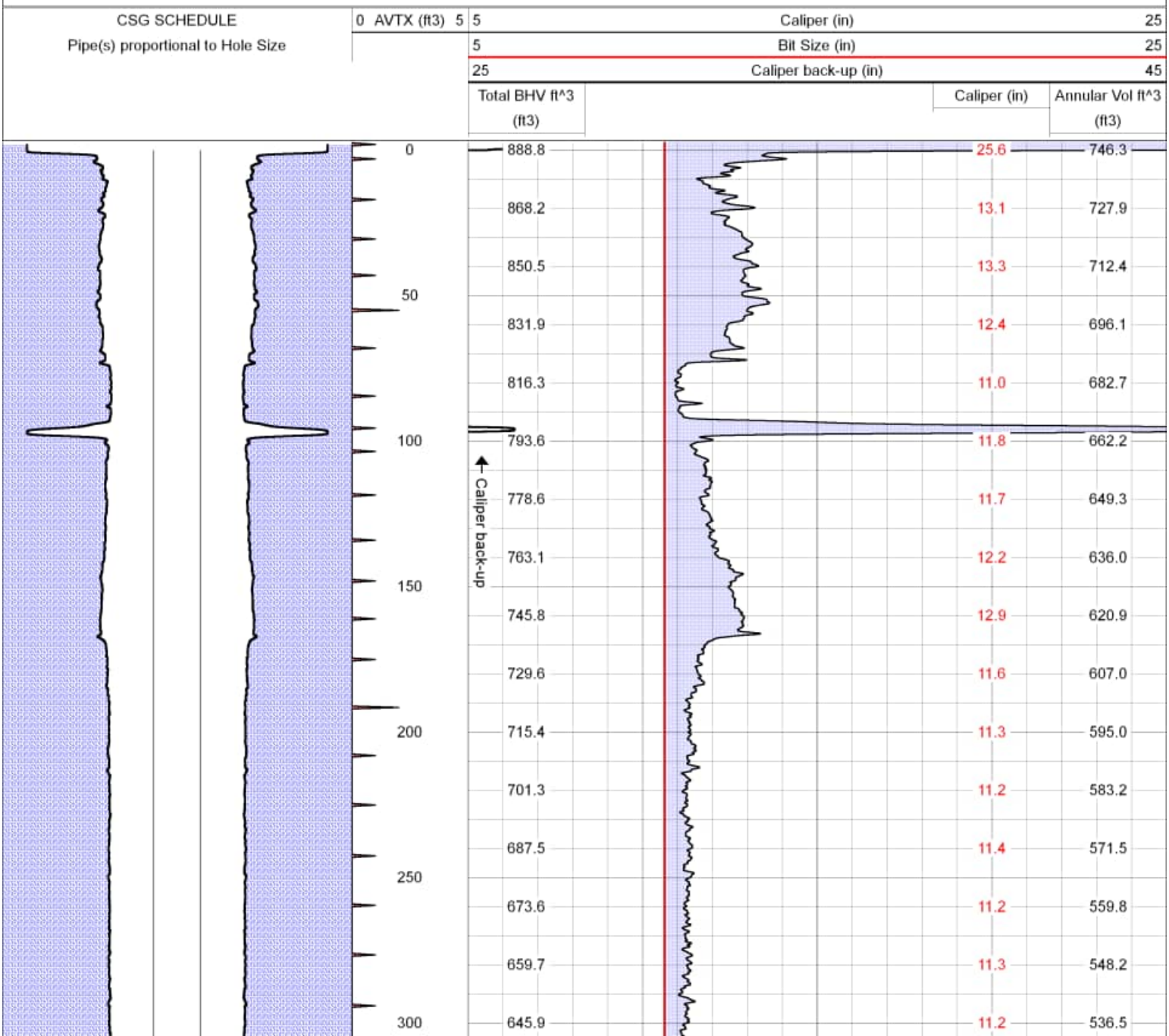
Database File 33970.db
Dataset Pathname CAL
Dataset Creation Fri Sep 12 14:38:02 2025

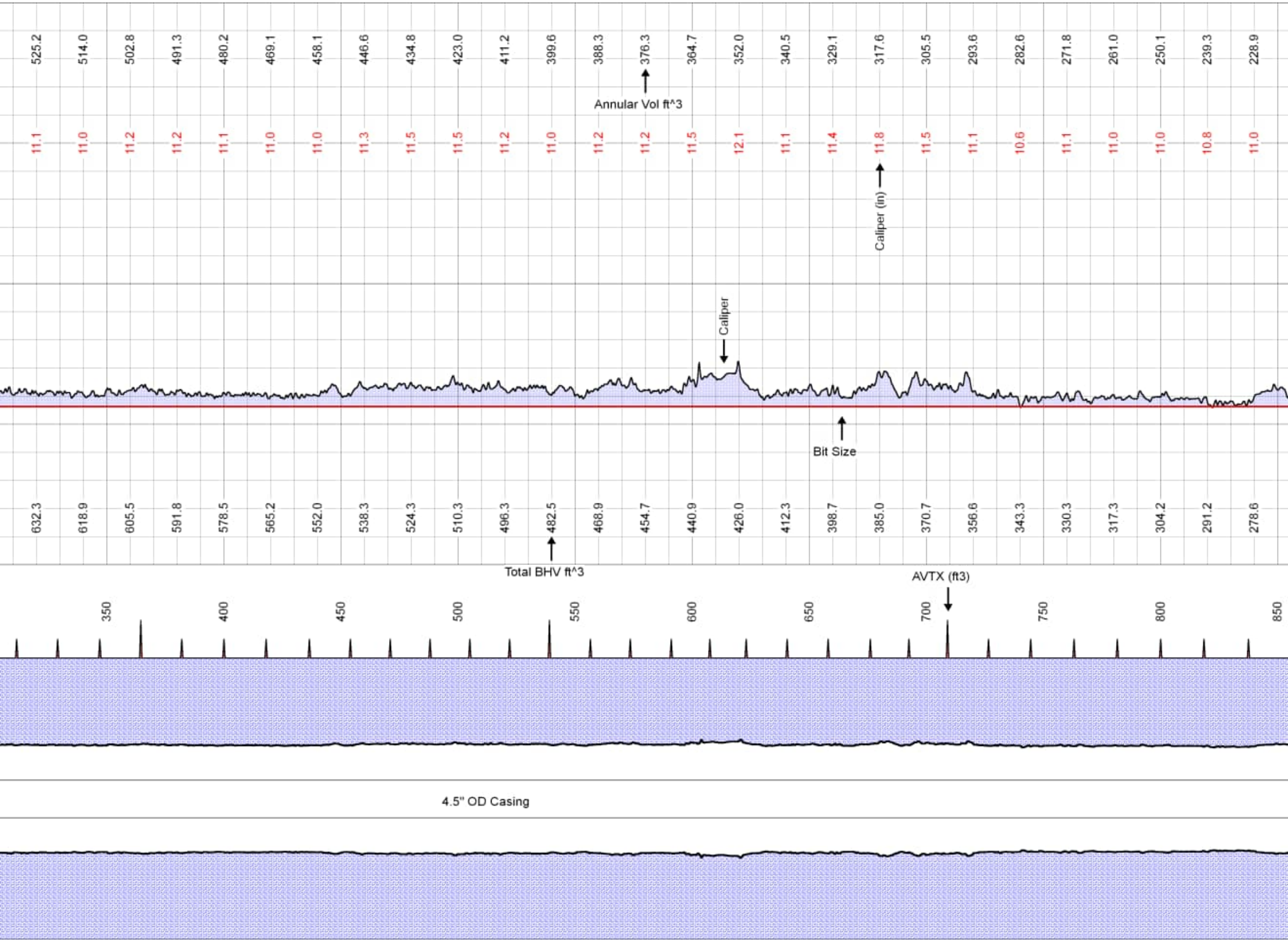
XY Caliper Calibration Report

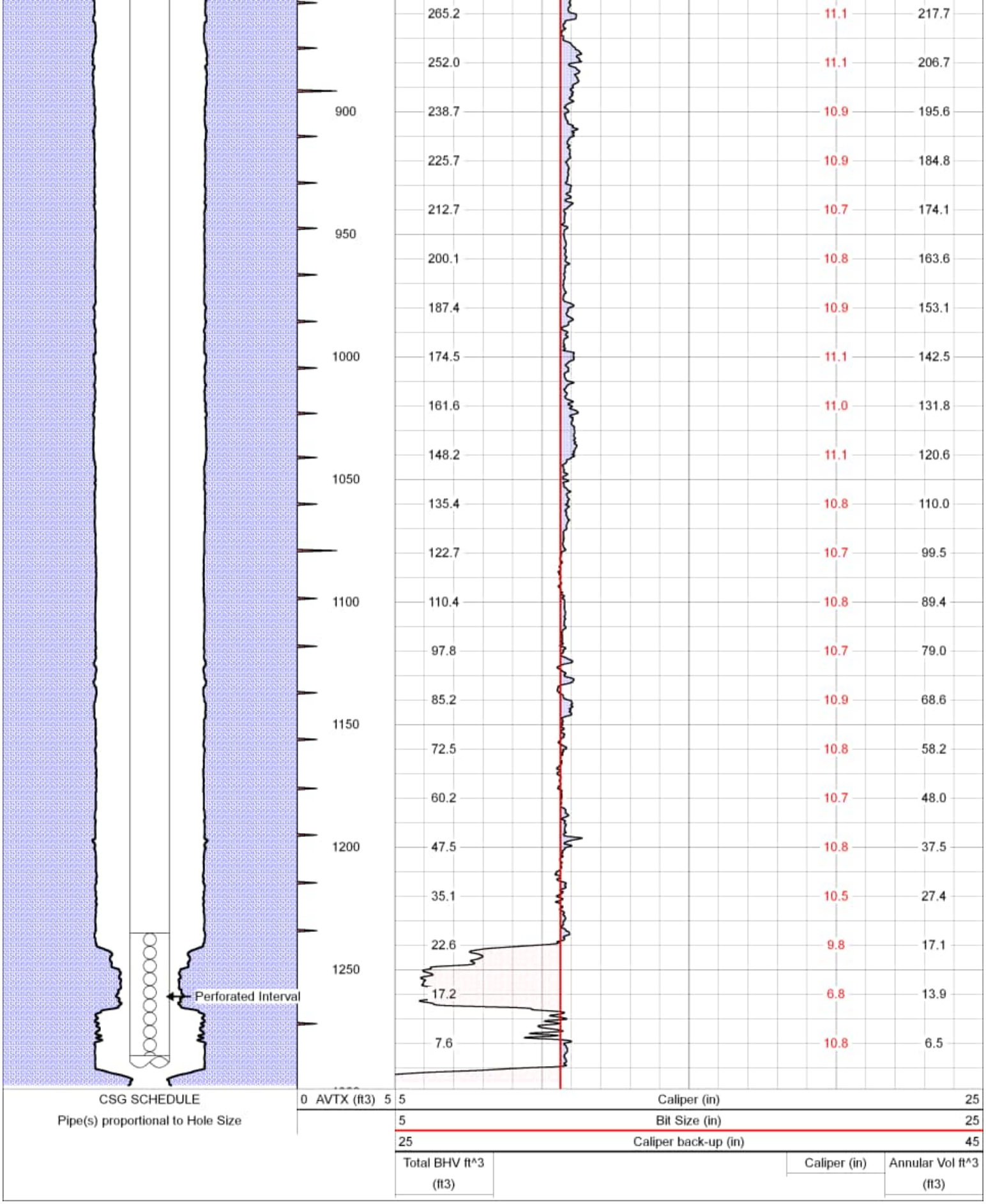
Serial Number/Model: CAL-10_SHORT-ALLEN
Performed: Thu Jul 17 14:03:49 2025

	Ring		X Caliper		Y Caliper	
1:	3.00	in	819.45	cps	819.45	cps
2:	6.00	in	1164.92	cps	1164.92	cps
3:	9.00	in	1468.56	cps	1468.56	cps
4:	12.00	in	1751.93	cps	1751.93	cps
5:	15.00	in	2008.21	cps	2008.21	cps
6:	18.00	in	2263.18	cps	2263.18	cps
7:	21.00	in	2522.15	cps	2522.15	cps
8:		in		cps		cps
9:		in		cps		cps
10:		in		cps		cps

Database File 33970.db
Dataset Pathname CAL.1
Presentation Format xyc_gph_final
Dataset Creation Fri Sep 12 15:58:44 2025
Charted by Depth in Feet scaled 1:600




525.2
514.0
502.8
491.3
480.2
469.1
458.1
446.6
434.8
423.0
411.2
399.6
388.3
376.3
364.7
352.0
340.5
329.1
317.6
305.5
293.6
282.6
271.8
261.0
250.1
239.3
228.9
Annular Vol ft^3
11.1
11.0
11.2
11.2
11.1
11.0
11.0
11.3
11.5
11.5
11.2
11.0
11.2
11.2
11.5
12.1
11.1
11.4
11.8
11.5
11.1
10.6
11.1
11.0
11.0
10.8
11.0
Caliper (in)
Caliper
Bit Size
632.3
618.9
605.5
591.8
578.5
565.2
552.0
538.3
524.3
510.3
496.3
482.5
468.9
454.7
440.9
426.0
412.3
398.7
385.0
370.7
356.6
343.3
330.3
317.3
304.2
291.2
278.6
Total BHV ft^3
AVTX (ft3)
350
400
450
500
550
600
650
700
750
800
850
4.5" OD Casing



Log Variables

DatabaseC:\ProgramData\Warrior\Data\33970.db
Dataset field/well/run1/CAL.1/_vars_

Top - 1290.00 ft

BOREID	BOTTEMP	CASEOD	CASETHCK	PERFS	RM_MEAS_R	RM_MEAS_T

in	degF	in	in		Ohm-m	degF
10.625	79	4.5	0	No	6.8	80

RMF	RSH	SPSHIFT	SRFTEMP	TDEPTH	TempGrad
Ohm-m	Ohm-m	mV	degF	ft	degF/ft
6.6	20	0	85	1300	0.01235

1290.00 ft - Bottom

BOREID	BOTTEMP	**CASEOD**	CASETHCK	PERFS	RM_MEAS_R	RM_MEAS_T
in	degF	**in**	in		Ohm-m	degF
10.625	79	**0**	0	No	6.8	80

RMF	RSH	SPSHIFT	SRFTEMP	TDEPTH	TempGrad
Ohm-m	Ohm-m	mV	degF	ft	degF/ft
6.6	20	0	85	1300	0.01235

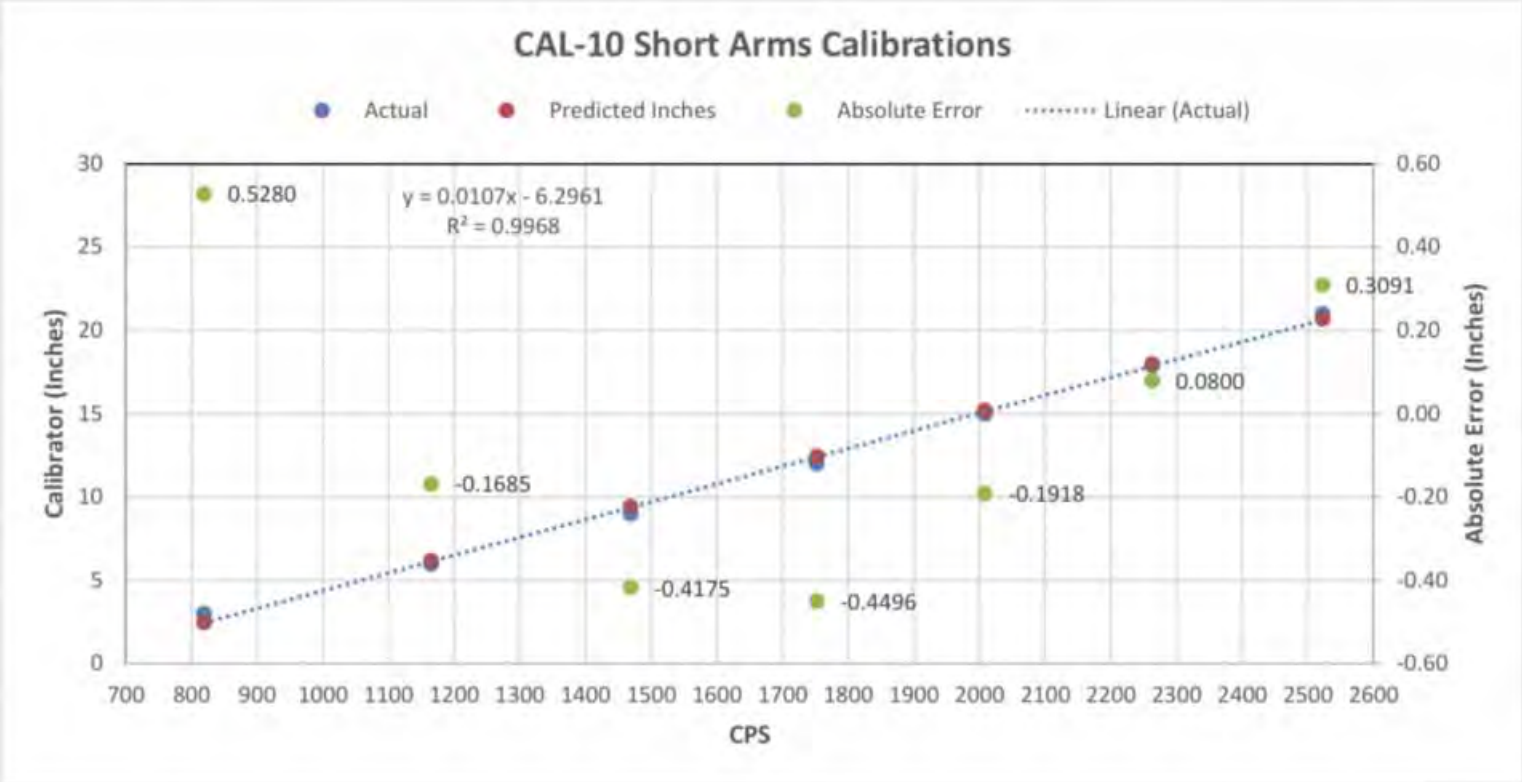
Variable Description

BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
PERFS : Perforation Flag
RM_MEAS_R : Mud Resistivity Measured
RM_MEAS_T : Mud Temperature Measured
RMF : Resistivity of Mud Filtrate
RSH : Resistivity of Shale
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
TDEPTH : Total Depth
TempGrad : Temperature Gradient

Filter Report

Database File 33970.db
Dataset Pathname CAL.1
Dataset Creation Fri Sep 12 15:58:44 2025

Filter Name	Filter Type	Filter Length
		(ft)
LSPD	Gaussian	10.00
LTEN	None	
LSPDRT	None	
XCAL	Gaussian	2.00
YCAL	Gaussian	2.00
Radius	Gaussian	2.00


CAL-10 Short Arms Calibrations
Actual
Predicted Inches
Absolute Error
Linear (Actual)
y = 0.0107x - 6.2961
R² = 0.9968
0.5280
-0.1685
-0.4175
-0.4496
-0.1918
0.0800
0.3091
Calibrator (Inches)
Absolute Error (Inches)
CPS
0
5
10
15
20
25
30
-0.60
-0.40
-0.20
0.00
0.20
0.40
0.60
700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2600

PACIFIC SURVEYS

CALIPER
BOREHOLE VOLUMES

Job No. 33769

File No

Company	BRADLEY & SONS, INC.
Well	F-ISW-1
Field	GREENFIELD
County	MONTEREY State CA

Location

APPROXIMATELY 0.6 MI. NE OF ARROYO SECO RIVER BRIDGE
GPS: 36.2877665 -121.3180454

Sec. Twp. Rge

Other Services

ELOG/GR

Permanent Datum	G.L.		Elevation above perm. datum	Elevation
Log Measured From	G.L.	0'		K.B.
Drilling Measured From	G.L.			D.F.
				G.L.

Date	8/14/25
Run Number	ONE
Depth Driller	200'
Depth Logger	198'
Bottom Logged Interval	196'
Top Log Interval	0'
Type Caliper	3-ARM
Type Fluid in Hole	BENTONITE
Density / Viscosity	N/A
Max. Recorded Temp.	N/A
pH/Fluid Loss	N/A
Time Well Ready	10:00
Time Logger on Bottom	10:40
Equipment Number	PS-8
Location	FNO
Recorded By	FARRELL
Witnessed By	H. GRANICHER

Borehole Record				Gravel Feed/Tubing Schedule			
Run Number	Bit	From	To	Size	Type	From	To
ONE	8.75"	0'	200'				

Casing Schedule	Size	Wgt/Ft	Top	Bottom
Surface String				
Production String	2.5" PVC	N/A	0'	190'
Production String				
Production String				
Production String				

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Comments

SCREENED INTERVAL PLANNED FROM 155' TO 185'

Calibration Report

Database File 33769.db
Dataset Pathname cal/run1/CAL
Dataset Creation Thu Aug 14 10:55:04 2025

XY Caliper Calibration Report

Serial Number/Model: Cal-4 Short-Comprobe
Performed: Thu Jul 31 13:26:41 2025

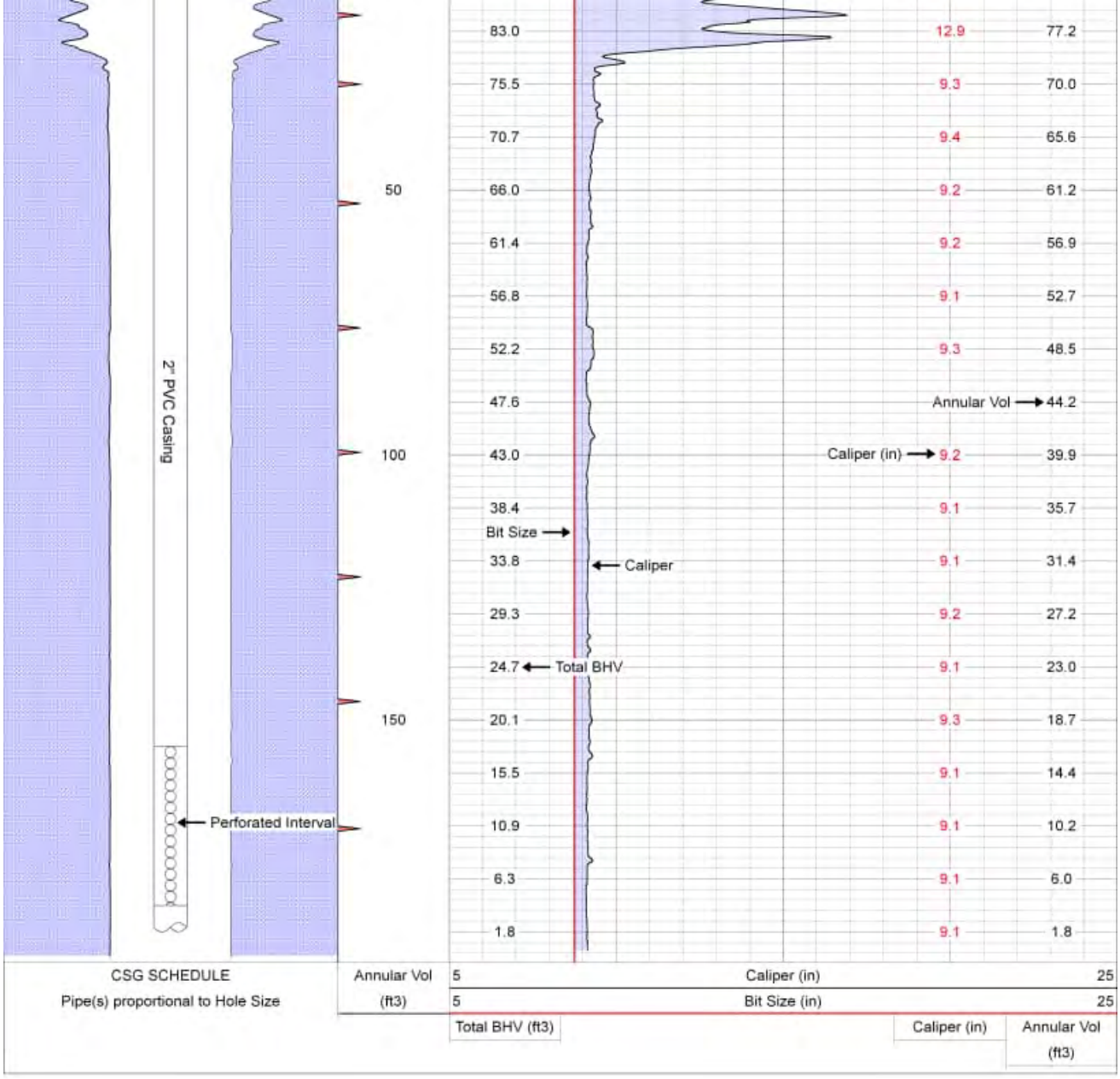
Ring			X Caliper		Y Caliper	
1:	2.50	in	554.13	cps	544.13	cps
2:	8.00	in	1082.24	cps	1082.24	cps
3:	14.00	in	1622.72	cps	1622.72	cps
4:	20.00	in	2190.07	cps	2190.07	cps
5:		in		cps		cps
6:		in		cps		cps
7:		in		cps		cps
8:		in		cps		cps
9:		in		cps		cps
10:		in		cps		cps

Database File 33769.db
Dataset Pathname cal/run1/CAL
Presentation Format xyc_gph_final
Dataset Creation Thu Aug 14 10:55:04 2025
Charted by Depth in Feet scaled 1:240

CSG SCHEDULE

Pipe(s) proportional to Hole Size

	Annular Vol (ft3)	Caliper (in)	Bit Size (in)	Total BHV (ft3)
	5	25	25	


2" PVC Casing
Perforated Interval
50
100
150
83.0
75.5
70.7
66.0
61.4
56.8
52.2
47.6
43.0
38.4
Bit Size
33.8
29.3
24.7
Total BHV
20.1
15.5
10.9
6.3
1.8
Caliper
12.9
9.3
9.4
9.2
9.2
9.1
9.3
Annular Vol
Caliper (in)
9.2
9.1
9.1
9.2
9.1
9.3
9.1
9.1
9.1
77.2
70.0
65.6
61.2
56.9
52.7
48.5
44.2
39.9
35.7
31.4
27.2
23.0
18.7
14.4
10.2
6.0
1.8
CSG SCHEDULE
Pipe(s) proportional to Hole Size
Annular Vol
(ft3)
5
5
Caliper (in)
Bit Size (in)
25
25
Total BHV (ft3)
Caliper (in)
Annular Vol
(ft3)

Log Variables

DatabaseC:\ProgramData\Warrior\Data\33769.db
Dataset field/cal/run1/CAL/_vars_

Top - 190.00 ft

BOREID	BOTTEMP	CASEOD	CASETHCK	PERFS	RM_MEAS_R	RM_MEAS_T	RMF	RSH	SPSHIFT
in	degF	in	in		Ohm-m	degF	Ohm-m	Ohm-m	mV
8.75	63	2.5	0	No	3.54	84.7	3.28	20	0

SRFTEMP	TDEPTH	TempGrad
degF	ft	degF/ft
60.25	198	0.01235

190.00 ft - Bottom

BOREID	BOTTEMP	**CASEOD**	CASETHCK	PERFS	RM_MEAS_R	RM_MEAS_T	RMF	RSH	SPSHIFT
in	degF	**in**	in		Ohm-m	degF	Ohm-m	Ohm-m	mV
8.75	63	**0**	0	No	3.54	84.7	3.28	20	0

SRFTEMP	TDEPTH	TempGrad
degF	ft	degF/ft
60.25	198	0.01235

Variable Description

BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
PERFS : Perforation Flag
RM_MEAS_R : Mud Resistivity Measured
RM_MEAS_T : Mud Temperature Measured
RMF : Resistivity of Mud Filtrate
RSH : Resistivity of Shale
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
TDEPTH : Total Depth
TempGrad : Temperature Gradient

Filter Report

Database File 33769.db
Dataset Pathname cal/run1/CAL
Dataset Creation Thu Aug 14 10:55:04 2025

Filter Name	Filter Type	Filter Length (ft)
LSPD	Gaussian	12.00
LTEN	Gaussian	6.00
LSPDRT	None	
XCAL	Gaussian	2.00
YCAL	Gaussian	2.00
Radius	Gaussian	2.00

PACIFIC SURVEYS

CALIPER
BOREHOLE VOLUMES

Job No.	33791
Company	BRADLEY & SONS, INC.
Well	UV-GWL-3
Field	BRADLEY
File No	
County	MONTEREY
State	CA

Location:

APPROX. 2 MI. E. ON HARE CANYON RD. FROM BRADLEY RD.
GPS: 35.8865370 -120.7427406

Sec. Twp. Rge

Other Services:

ELOG/GR

Permanent Datum	G.L.		Elevation above perm. datum	Elevation
Log Measured From	G.L.	0'		K.B.
Drilling Measured From	G.L.			D.F.
				G.L.

Date	9/30/25
Run Number	ONE
Depth Driller	500'
Depth Logger	501'
Bottom Logged Interval	499'
Top Log Interval	0'
Type Caliper	3-ARM
Type Fluid in Hole	BENTONITE
Density / Viscosity	N/A
Max. Recorded Temp.	N/A
pH/Fluid Loss	N/A
Time Well Ready	20:45
Time Logger on Bottom	21:30
Equipment Number	PS-6
Location	FNO
Recorded By	FARRELL
Witnessed By	—

Borehole Record				Gravel Feed/Tubing Schedule			
Run Number	Bit	From	To	Size	Type	From	To
ONE	10.625"	0'	500'				

Casing Schedule	Size	Wgt/Ft	Top	Bottom
Surface String				
Production String	4.5" OD PVC	SCH. 40	0'	490'
Production String				
Production String				
Production String				

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Comments

PERFORATED INTERVAL 435' - 485'
WELL CONSTRUCTION DETAILS ARE PRELIMINARY AND SUBJECT TO CHANGE

Calibration Report

Database File 33791.db
Dataset Pathname well1/run1/CAL
Dataset Creation Tue Sep 30 21:29:14 2025

XY Caliper Calibration Report

Serial Number/Model: Cal-4 Short-Comprobe
Performed: Thu Jul 31 13:26:41 2025

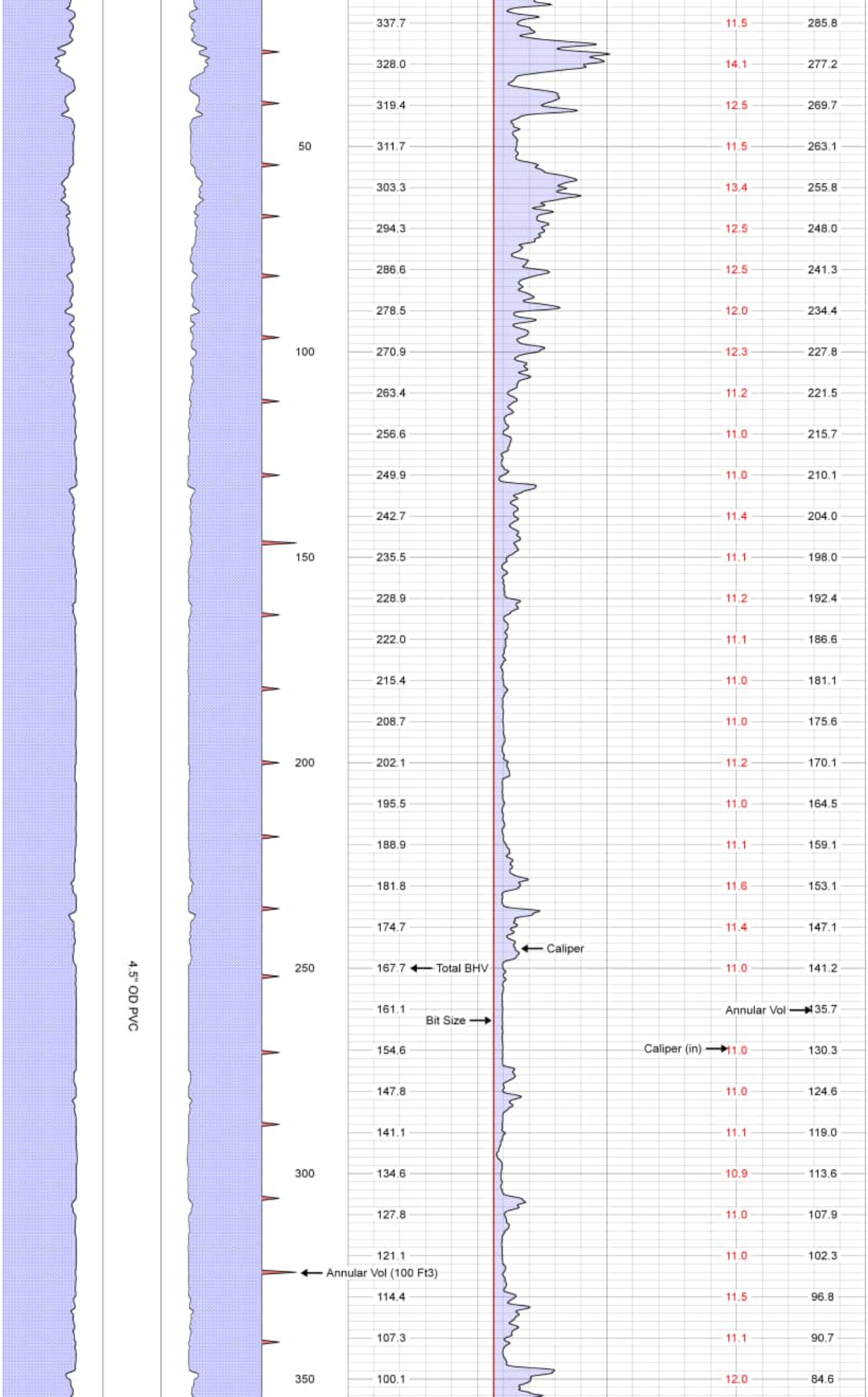
Ring			X Caliper		Y Caliper	
1	2.50	in	554.13	cps	544.13	cps
2	8.00	in	1082.24	cps	1082.24	cps
3	14.00	in	1622.72	cps	1622.72	cps
4	20.00	in	2190.07	cps	2190.07	cps
5		in		cps		cps
6		in		cps		cps
7		in		cps		cps
8		in		cps		cps
9		in		cps		cps
10		in		cps		cps

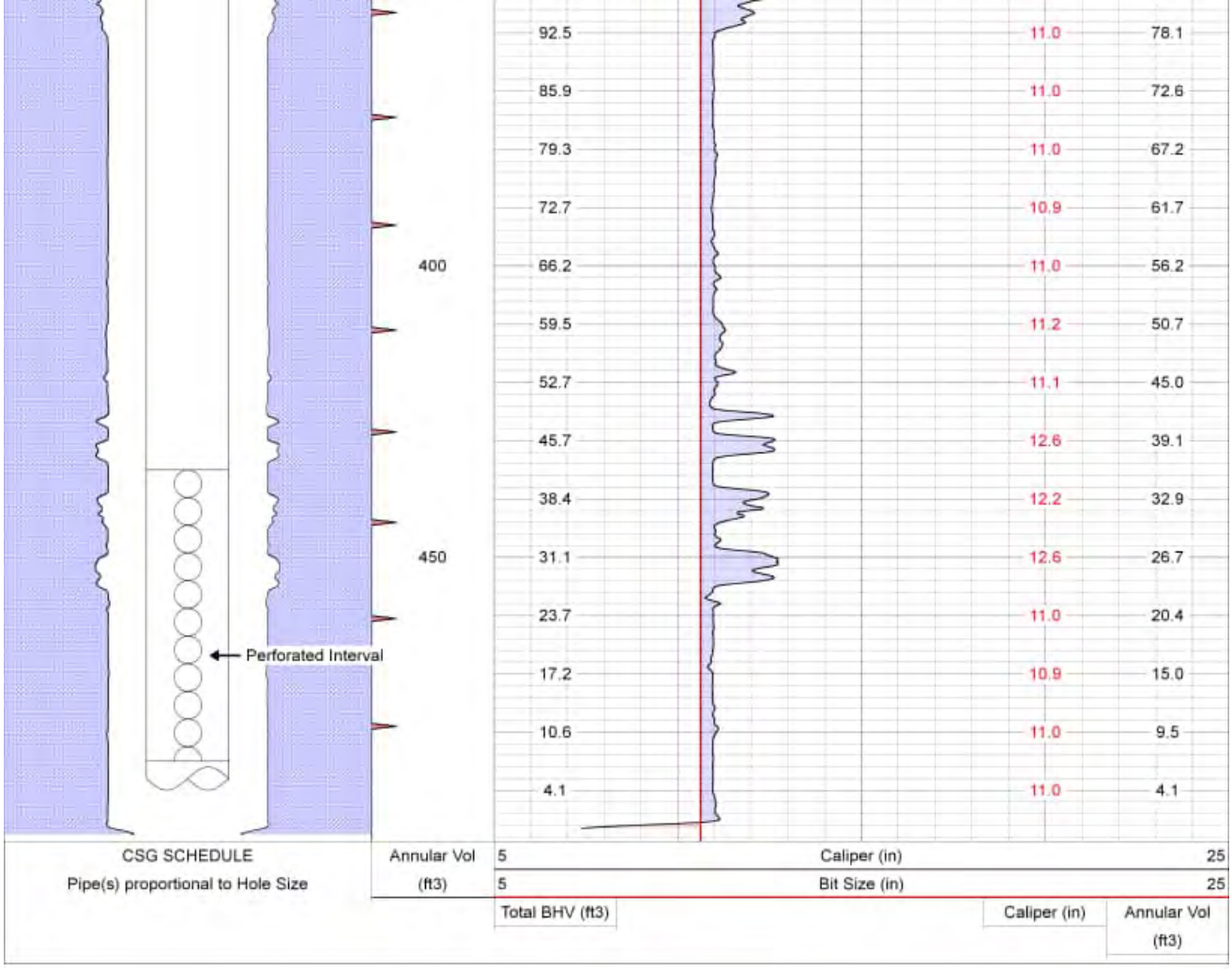
Database File 33791.db
Dataset Pathname well1/run1/CAL 1
Presentation Format xyc_gph_final
Dataset Creation Tue Sep 30 21:58:39 2025
Charted by Depth in Feet scaled 1:240

CSG SCHEDULE

Pipe(s) proportional to Hole Size

	Annular Vol (ft3)	Caliper (in)	Bit Size (in)	Caliper (in)	Annular Vol (ft3)
	5	25			
	5	25			
Total BHV (ft3)					


4.5" OD PVC
50
100
150
200
250
300
350
337.7
328.0
319.4
311.7
303.3
294.3
286.6
278.5
270.9
263.4
256.6
249.9
242.7
235.5
228.9
222.0
215.4
208.7
202.1
195.5
188.9
181.8
174.7
167.7
161.1
154.6
147.8
141.1
134.6
127.8
121.1
114.4
107.3
100.1
Total BHV
Bit Size
Caliper
Annular Vol (100 Ft3)
11.5
14.1
12.5
11.5
13.4
12.5
12.5
12.0
12.3
11.2
11.0
11.0
11.4
11.1
11.2
11.1
11.0
11.0
11.2
11.0
11.1
11.6
11.4
11.0
11.0
11.0
11.1
10.9
11.0
11.0
11.5
11.1
12.0
285.8
277.2
269.7
263.1
255.8
248.0
241.3
234.4
227.8
221.5
215.7
210.1
204.0
198.0
192.4
186.6
181.1
175.6
170.1
164.5
159.1
153.1
147.1
141.2
Annular Vol
135.7
Caliper (in)
130.3
124.6
119.0
113.6
107.9
102.3
96.8
90.7
84.6


Perforated Interval
400
450
92.5
85.9
79.3
72.7
66.2
59.5
52.7
45.7
38.4
31.1
23.7
17.2
10.6
4.1
11.0
11.0
11.0
10.9
11.0
11.2
11.1
12.6
12.2
12.6
11.0
10.9
11.0
11.0
78.1
72.6
67.2
61.7
56.2
50.7
45.0
39.1
32.9
26.7
20.4
15.0
9.5
4.1
CSG SCHEDULE
Pipe(s) proportional to Hole Size
Annular Vol
(ft3)
5
Caliper (in)
25
5
Bit Size (in)
25
Total BHV (ft3)
Caliper (in)
Annular Vol
(ft3)

Log Variables

DatabaseC:\ProgramData\Warrior\Data\33791.db
Dataset field/well1/run1/CAL.1/_vars_

Top - 490.00 ft

BOREID	BOTTEMP	CASEOD	CASETHCK	PERFS	RM_MEAS_R	RM_MEAS_T	RMF	RSH	SPSHIFT
in	degF	in	in		Ohm-m	degF	Ohm-m	Ohm-m	mV
10.625	65.89	4.5	0	No	7.6	84.9	7.4	20	0

SRFTEMP	TDEPTH	TempGrad
degF	ft	degF/ft
59.7	501	0.01235

490.00 ft - Bottom

BOREID	BOTTEMP	**CASEOD**	CASETHCK	PERFS	RM_MEAS_R	RM_MEAS_T	RMF	RSH	SPSHIFT
in	degF	**in**	in		Ohm-m	degF	Ohm-m	Ohm-m	mV
10.625	65.89	**0**	0	No	7.6	84.9	7.4	20	0

SRFTEMP	TDEPTH	TempGrad
degF	ft	degF/ft
59.7	501	0.01235

Variable Description

BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
PERFS : Perforation Flag
RM_MEAS_R : Mud Resistivity Measured
RM_MEAS_T : Mud Temperature Measured
RMF : Resistivity of Mud Filtrate
RSH : Resistivity of Shale
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
TDEPTH : Total Depth
TempGrad : Temperature Gradient

Filter Report

Database File 33791.db
Dataset Pathname well1/run1/CAL.1
Dataset Creation Tue Sep 30 21:58:39 2025

Filter Name	Filter Type	Filter Length (ft)
LSPD	Gaussian	12.00
LTEN	Gaussian	6.00
LSPDRT	None	
XCAL	Gaussian	2.00
YCAL	Gaussian	2.00
Radius	Gaussian	2.00

PACIFIC SURVEYS

CALIPER BOREHOLE VOLUMES

Job No. 30993	Company	BRADLEY & SONS, INC.	
	Well	UV-GWL-2	
	Field	SAN MIGUEL	
File No.	County	MONTEREY	State CA

Location: 77000 RANCHITA CANYON RD. GPS. 35.80593 -120.55961	Other Services: EL/GR
Sec. Twp. Rge.	

Permanent Datum	G.L.		Elevation above perm. datum	Elevation
Log Measured From	G.L.	0'		K.B.
Drilling Measured From	G.L.			D.F. G.L.

Date	10-16-2025		
Run Number	ONE		
Depth Driller	715'		
Depth Logger	713'		
Bottom Logged Interval	713'		
Top Log Interval	0'		
Casing Driller	N/A		
Casing Logger	N/A		
Bit Size	10.625"		
Type Fluid in Hole	BENTONITE		
Density / Viscosity	9.4 I 46		
pH / Fluid Loss	N/A		
Source of Sample	PIT		
Rm @ Meas. Temp	6.4 @ 75F		
Rmf @ Meas. Temp	6.2 @ 75F		
Rmc @ Meas. Temp	N/A		
Source of Rmf / Rmc	MEASURE		
Rm @ BHT	N/A		
Time Circulation Stopped	1400		
Time Logger on Bottom	1500		
Max. Recorded Temperature	N/A		
Equipment Number	PS-8		
Location	SAC		
Recorded By	SCHUMACHER		
Witnessed By	—		

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Comments

4.5-INCH OD PVC PLANNED TO 700 FT.
SCREEN INTERVAL PLANNED FROM 660 FT - 700 FT.

Calibration Report

Database File 30993.db
Dataset Pathname CAL/CAL
Dataset Creation Thu Oct 16 15:31:33 2025

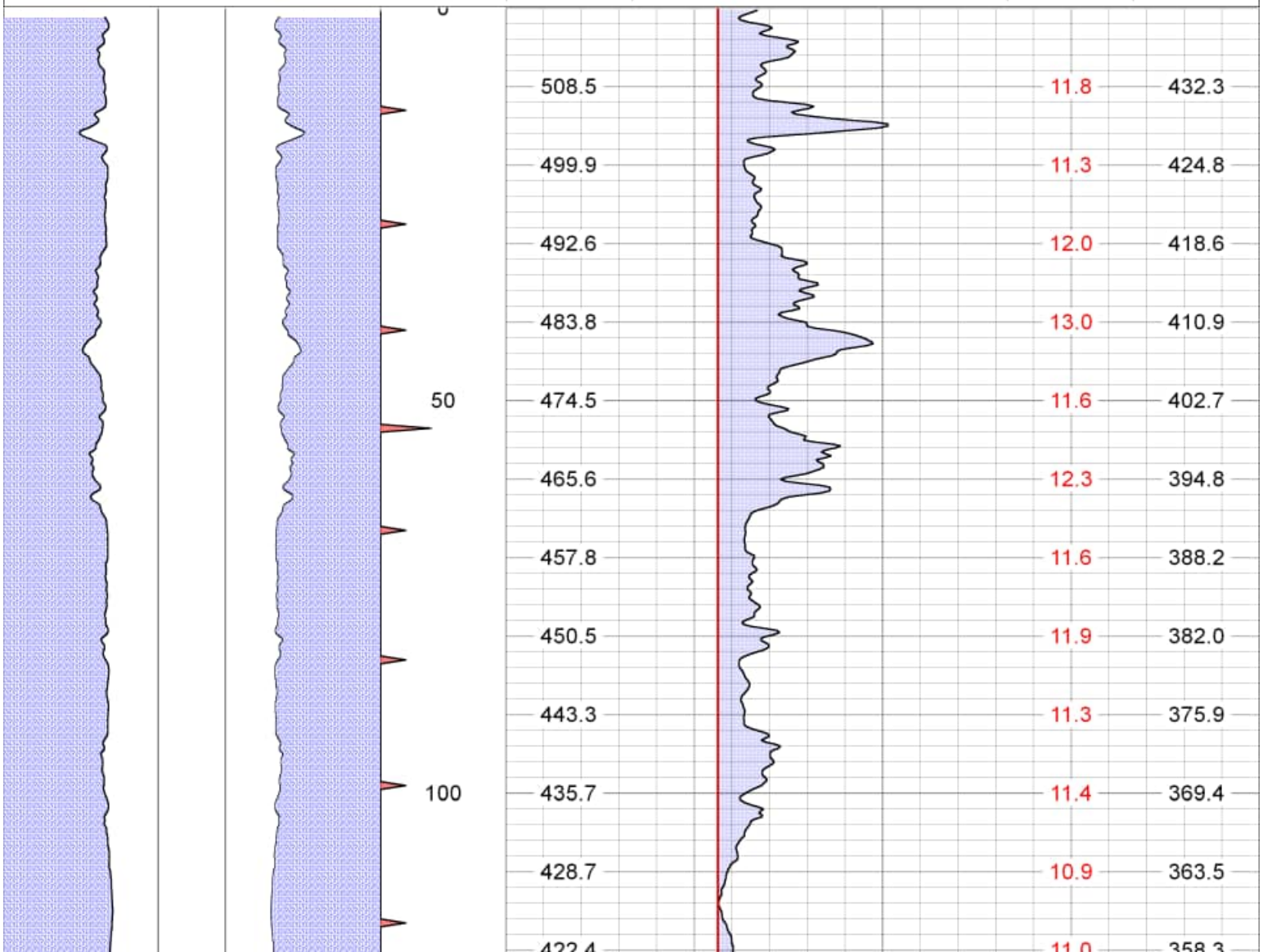
XY Caliper Calibration Report

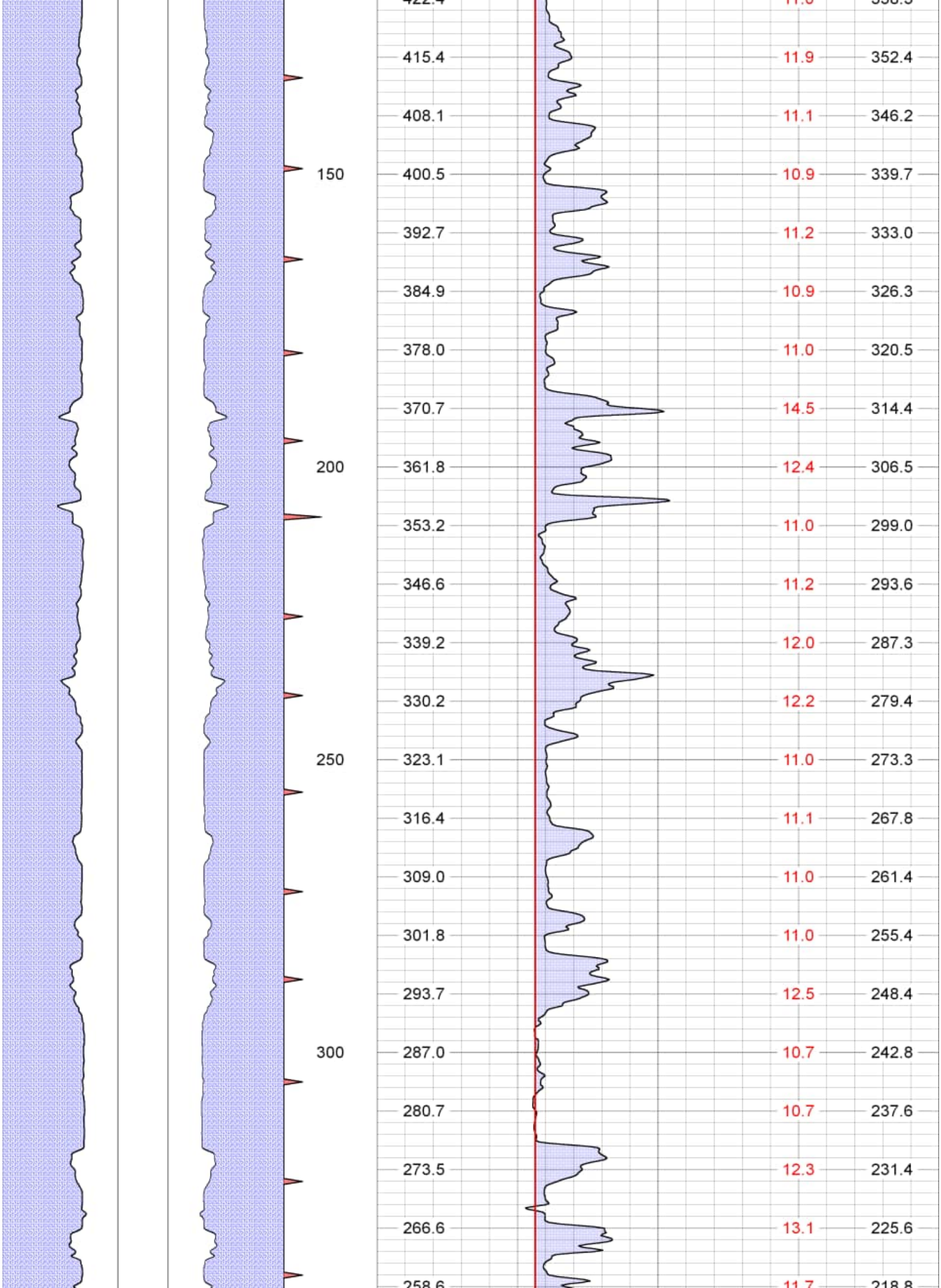
Serial Number/Model:	Cal-4 Short-Comprobe
Performed:	Thu Jul 31 13:26:41 2025

	Ring		X Caliper		Y Caliper	
1:	2.50	in	554.13	cps	544.13	cps
2:	8.00	in	1082.24	cps	1082.24	cps
3:	14.00	in	1622.72	cps	1622.72	cps
4:	20.00	in	2190.07	cps	2190.07	cps
5:		in		cps		cps
6:		in		cps		cps
7:		in		cps		cps
8:		in		cps		cps
9:		in		cps		cps
10:		in		cps		cps

Database File	30993.db
Dataset Pathname	CAL/CAL
Presentation Format	xyc_gph_final
Dataset Creation	Thu Oct 16 15:31:33 2025
Charted by	Depth in Feet scaled 1:240

CSG SCHEDULE	Annular Vol	5	Caliper (in)	25
Pipe(s) proportional to Hole Size	(ft3)	5	Bit Size (in)	25




150
200
250
300
415.4
11.9
352.4
408.1
11.1
346.2
400.5
10.9
339.7
392.7
11.2
333.0
384.9
10.9
326.3
378.0
11.0
320.5
370.7
14.5
314.4
361.8
12.4
306.5
353.2
11.0
299.0
346.6
11.2
293.6
339.2
12.0
287.3
330.2
12.2
279.4
323.1
11.0
273.3
316.4
11.1
267.8
309.0
11.0
261.4
301.8
11.0
255.4
293.7
12.5
248.4
287.0
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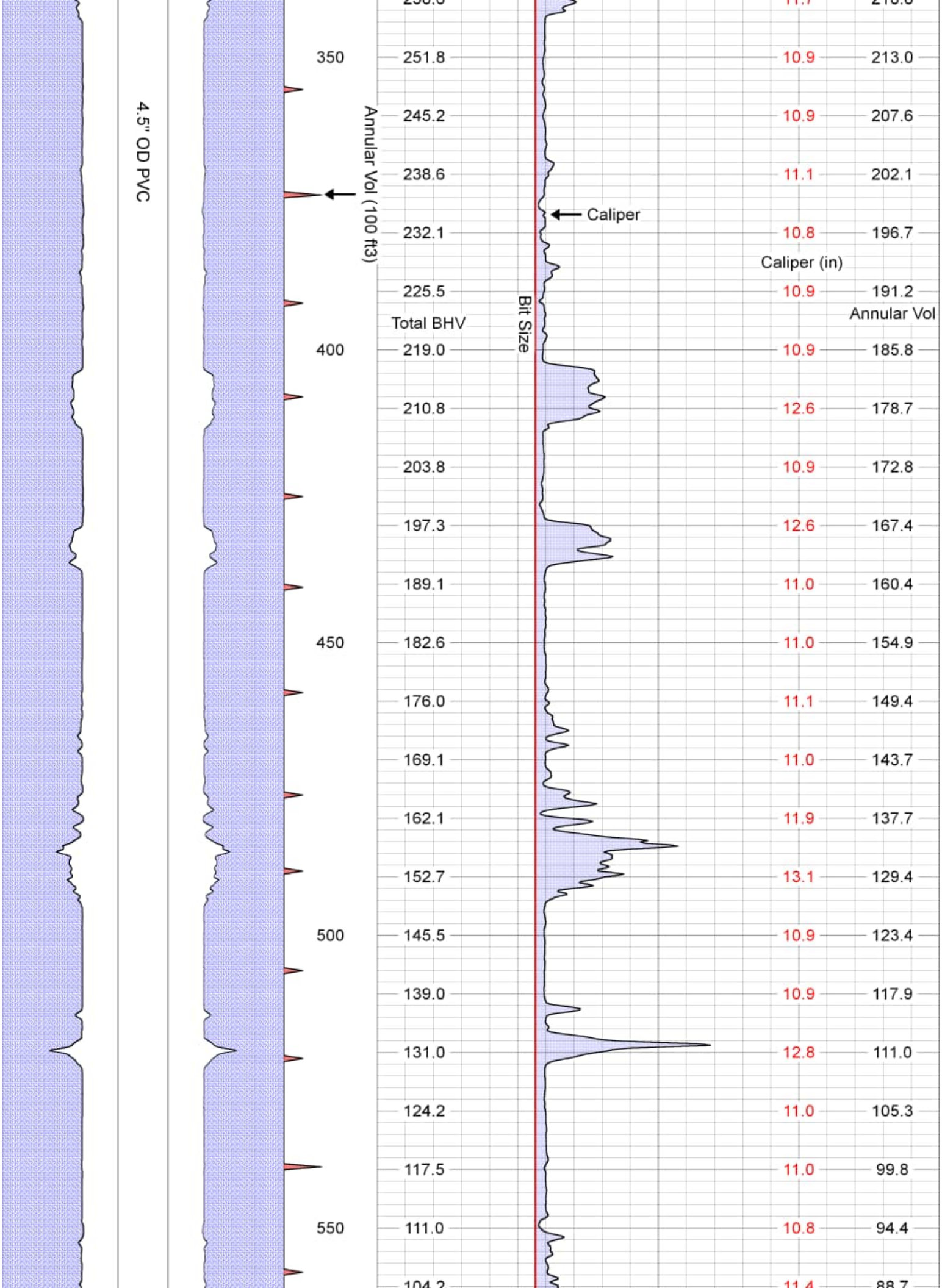
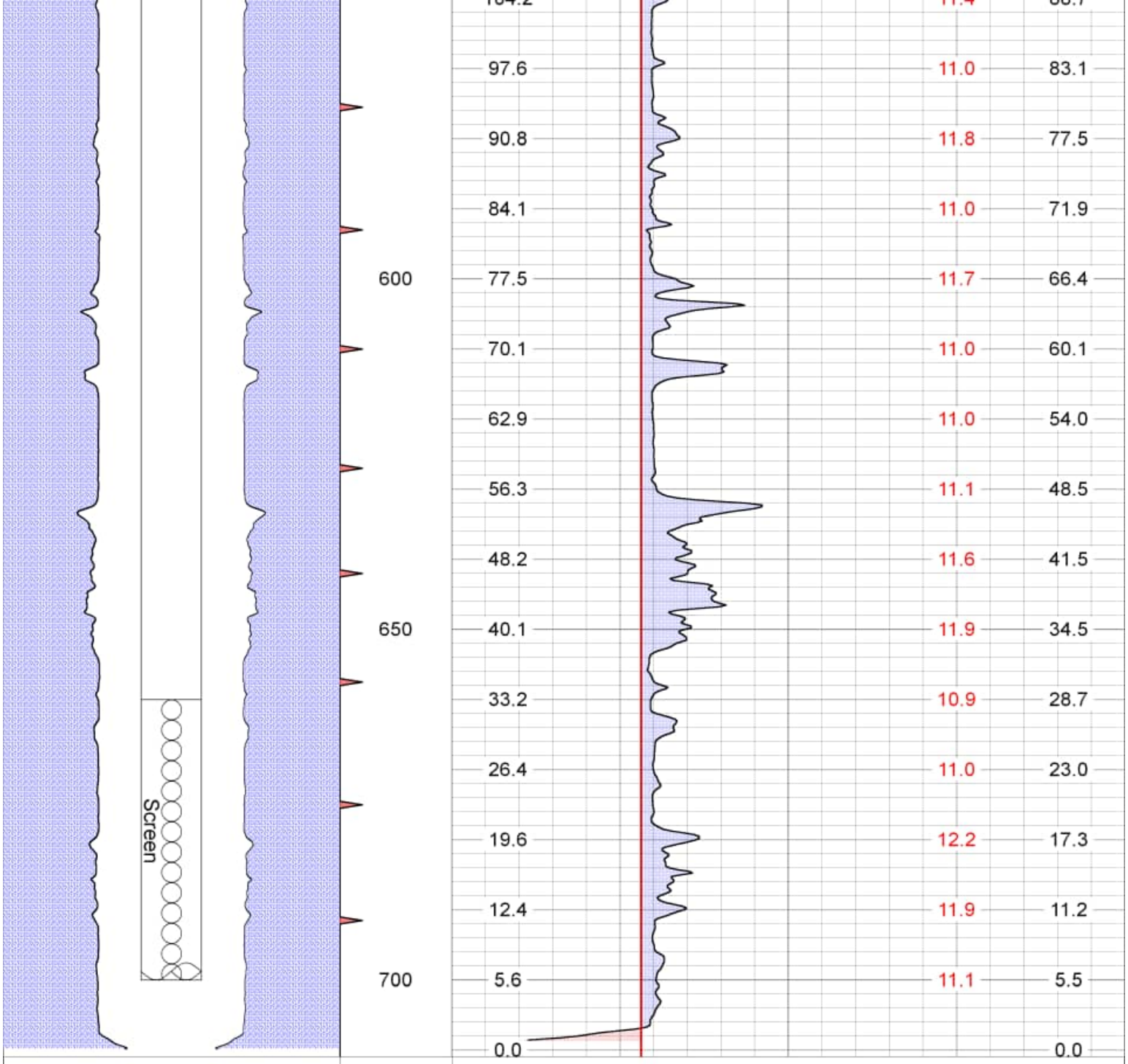
10.7
237.6
273.5
12.3
231.4
266.6
13.1
225.6


4.5" OD PVC
Annular Vol (100 ft3)
Total BHV
Bit Size
Caliper
Caliper (in)
Annular Vol
350
400
450
500
550
251.8
245.2
238.6
232.1
225.5
219.0
210.8
203.8
197.3
189.1
182.6
176.0
169.1
162.1
152.7
145.5
139.0
131.0
124.2
117.5
111.0
10.9
10.9
11.1
10.8
10.9
10.9
12.6
10.9
12.6
11.0
11.0
11.1
11.0
11.9
13.1
10.9
10.9
12.8
11.0
11.0
10.8
213.0
207.6
202.1
196.7
191.2
185.8
178.7
172.8
167.4
160.4
154.9
149.4
143.7
137.7
129.4
123.4
117.9
111.0
105.3
99.8
94.4


Screen
600
650
700
97.6
90.8
84.1
77.5
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62.9
56.3
48.2
40.1
33.2
26.4
19.6
12.4
5.6
0.0
11.0
11.8
11.0
11.7
11.0
11.0
11.1
11.6
11.9
10.9
11.0
12.2
11.9
11.1
83.1
77.5
71.9
66.4
60.1
54.0
48.5
41.5
34.5
28.7
23.0
17.3
11.2
5.5
0.0
CSG SCHEDULE
Pipe(s) proportional to Hole Size
Annular Vol
(ft3)
5
Caliper (in)
25
5
Bit Size (in)
25
Total BHV
(ft3)
Caliper
(in)
Annular Vol
(ft3)

Log Variables

DatabaseC:\ProgramData\Warrior\Data\30993.db
Dataset field/well/CAL/CAL/_vars_

Top - 700.00 ft

BOREID	BOTTEMP	CASEOD	CASETHCK	PERFS	RM_MEAS_R	RM_MEAS_T
in	degF	in	in		Ohm-m	degF
10.625	69.05	4.5	0	No	6.4	75

RMF	RSH	SPSHIFT	SRFTEMP	TDEPTH	TempGrad
Ohm-m	Ohm-m	mV	degF	ft	degF/ft
6.2	20	0	60.25	700	0.01235

700.00 ft - Bottom

BOREID	BOTTEMP	**CASEOD**	CASETHCK	PERFS	RM_MEAS_R	RM_MEAS_T
in	degF	**in**	in		Ohm-m	degF
10.625	69.05	**0**	0	No	6.4	75

RMF	RSH	SPSHIFT	SRFTEMP	TDEPTH	TempGrad
Ohm-m	Ohm-m	mV	degF	ft	degF/ft
6.2	20	0	60.25	700	0.01235

Variable Description

BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
PERFS : Perforation Flag
RM_MEAS_R : Mud Resistivity Measured
RM_MEAS_T : Mud Temperature Measured
RMF : Resistivity of Mud Filtrate
RSH : Resistivity of Shale
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
TDEPTH : Total Depth
TempGrad : Temperature Gradient

Filter Report

Database File 30993.db
Dataset Pathname CAL/CAL

Dataset Creation Thu Oct 16 15:31:33 2025

Filter Name	Filter Type	Filter Length
		(ft)
LSPD	Gaussian	12.00
LTEN	Gaussian	6.00
LSPDRT	None	
XCAL	Gaussian	2.00
YCAL	Gaussian	2.00
Radius	Gaussian	2.00

L-GWL-1		
Depth Top (feet bgs)	Depth Bottom (feet bgs)	Hydrogeologic Unit
0	20	Alluvial Deposits (Qal)
20	165	Alluvial Fan Deposits (Qp)
165	171	Granodiorite/Quartz Diorite (Kgdn/Kqdv)
L-GWL-4		
Depth Top (feet bgs)	Depth Bottom (feet bgs)	Hydrogeologic Unit
0	10	Alluvial Deposits (Qal)
10	170	Aromas Red Sands (Qa)
170	300	Decomposed Granite
300	408	Quartz Diorite (Kqdv)
ES-1A, ES-1B, & ES-1C		
Depth Top (feet bgs)	Depth Bottom (feet bgs)	Hydrogeologic Unit
0	20	Paludal Basin Deposits (Qb)
20	60	Fluvial Terrace Deposits (Qan)
60	80	Salinas Valley Aquitard
80	300	180-Foot Aquifer
300	370	180/400 Aquitard
370	550	400-Foot Aquifer (Upper Paso Robles Formation)
550	620	Deep Aquitard (Middle Paso Robles Formation)
620	900	Deep Aquifers (Lower Paso Robles Formation)
900	1,300	Deep Aquifers (Other, Clay-Rich, Purisima?)
ES-ISW-1		
Depth Top (feet bgs)	Depth Bottom (feet bgs)	Hydrogeologic Unit
0	50	Alluvial Fan Deposits (Qch)
50	55	Decomposed Granite
F-DA-1		
Depth Top (feet bgs)	Depth Bottom (feet bgs)	Hydrogeologic Unit
0	90	Holocene Alluvial Fan Deposits (Qhf)
90	150	Salinas Valley Aquitard
150	360	180-Foot Aquifer
360	460	180/400 Aquitard
460	970	400-Foot Aquifer (Upper Paso Robles Formation)
970	1,160	Deep Aquitard (Middle Paso Robles Formation)
1,160	1,300	Deep Aquifers (Lower Paso Robles Formation)
F-ISW-1		
Depth Top (feet bgs)	Depth Bottom (feet bgs)	Hydrogeologic Unit
0	140	Holocene Alluvial Fan Deposits (Qhf)
140	200	Stream Channel Deposits (Qsc)
F-ISW-2		
Depth Top (feet bgs)	Depth Bottom (feet bgs)	Hydrogeologic Unit
0	75	Stream Channel Deposits (Qsc)

F-ISW-3		
Depth Top (feet bgs)	Depth Bottom (feet bgs)	Hydrogeologic Unit
0	75	Stream Channel Deposits (Qsc)
UV-GWL-2		
Depth Top (feet bgs)	Depth Bottom (feet bgs)	Hydrogeologic Unit
0	60	Alluvial Deposits (Qal)
60	700	Paso Robles Formation, Undifferentiated (QTp)
UV-GWL-3		
Depth Top (feet bgs)	Depth Bottom (feet bgs)	Hydrogeologic Unit
0	500	Paso Robles Formation, Undifferentiated (QTp)
UV-ISW-2		
Depth Top (feet bgs)	Depth Bottom (feet bgs)	Hydrogeologic Unit
0	36	Stream Channel Deposits (Qsc)
36	75	Fluvial Terrace Deposits, Undifferentiated (Qt)

L-GWL-1

From (ft bgs)	To (ft bgs)	Lithologic Description
0	10	Sandy clay, brown, soft
10	20	Gravley, clayey sand, yellowish brown, fine-coarse grained, well sorted, angular-subangular, abundant quartz and plagioclase
20	30	Clayey sand with gravel, yellowish brown, fine-coarse grained, moderately sorted, angular-subangular, abundant quartz, plagioclase, mica
30	40	Clayey sand, yellowish brown, fine-coarse grained, moderately sorted, angular-subangular, abundant quartz and mica
40	50	Sand, yellowish brown, fine-coarse grained, well sorted, angular-subangular, abundant quartz and mica
50	60	Sand, yellowish brown, fine-coarse grained, well sorted, angular-subangular, abundant quartz and mica
60	70	Clayey sand, yellowish brown, fine-coarse grained, moderately well sorted, angular-subangular, abundant quartz, trace mica
70	80	Sand, yellowish brown, fine-coarse grained, moderately well sorted, angular-subangular, abundant quartz and plagioclase
80	90	Sand, yellowish brown, fine-coarse grained, moderately well sorted, angular-subangular, abundant quartz
90	100	Sand, yellowish brown, fine-coarse grained, moderately well sorted, angular-subangular, abundant quartz and mica
100	110	Clayey sand, blueish grey, fine-coarse grained, moderately well sorted, angular-subangular, abundant quartz
110	120	Clayey sand, blueish grey, fine-coarse grained, moderately well sorted, angular-subangular, abundant quartz and mica
120	130	Sand, blueish grey, fine-coarse grained, moderately well sorted, angular-subangular, abundant quartz and biotite
130	140	Sand, blueish grey, fine-coarse grained, moderately well sorted, angular-subangular, abundant quartz and biotite
140	150	Sand, blueish grey, fine-coarse grained, moderately well sorted, angular-subangular, abundant quartz and biotite
150	160	Sand, blueish grey, fine-coarse grained, moderately well sorted, angular-subangular, abundant quartz and biotite
160	170	Sand, blueish grey, fine-coarse grained, moderately well sorted, angular-subangular, abundant quartz and biotite

L-GWL-4

From (ft bgs)	To (ft bgs)	Lithologic Description
0	10	Sand, brown/tan, dense, very fine-fine grained, well sorted, angular-subrounded; aggregate road base in 0-2 feet
10	20	Clayey sand, yellowish brown, loose, very fine-fine grained, well sorted, subangular-subrounded
20	30	Sand, reddish brown, very fine-medium grained, well sorted, subrounded-rounded
30	40	Sand, reddish brown, very fine-medium grained, well sorted, subrounded-rounded
40	50	Sand, reddish brown, very fine-medium grained, well sorted, subrounded-rounded
50	60	Sand, reddish brown, very fine-medium grained, well sorted, subrounded-rounded
60	70	Sand, reddish brown, very fine-medium grained, well sorted, subrounded-rounded
70	80	Sand, reddish brown, very fine-medium grained, well sorted, subrounded-rounded
80	90	Sand, reddish brown, very fine-medium grained, well sorted, subrounded-rounded
90	100	Clayey sand, reddish brown, very fine-medium grained, well sorted, subangular-subrounded
100	110	Clayey sand, reddish brown, very fine-medium grained, well sorted, subangular-subrounded
110	120	Sand, orangeish brown, very fine-medium grained, moderately sorted, subangular-subrounded
120	130	Sand, orangeish brown, very fine-medium grained, moderately sorted, subangular-subrounded
130	140	Sand, orangeish brown, very fine-medium grained, moderately sorted, subangular-subrounded
140	150	Sand, orangeish brown, very fine-medium grained, poorly sorted, subangular-rounded
150	160	Sand, orangeish brown, very fine-medium grained, poorly sorted, subangular-rounded
160	170	Sand, orangeish brown, very fine-medium grained, poorly sorted, subangular-rounded
170	180	Sand, orangeish brown, very fine-medium grained, poorly sorted, subangular-rounded
180	190	Sand, grey, fine-medium grained, poorly sorted, subangular-rounded; trace medium to coarse sand component consisting of angular quartz
190	200	Sand, grey, fine-medium grained, poorly sorted, subangular-rounded; trace medium to coarse sand component consisting of angular quartz
200	210	Sandy clay, grey, soft, very fine-fine grained, well sorted, trace subangular-subrounded, medium grained quartz sand
210	220	Sandy clay, grey, soft, very fine-fine grained, well sorted, trace subangular-subrounded, medium grained quartz sand

220	230	Sandy clay, grey, soft, very fine-fine grained, well sorted, trace subangular-subrounded, medium grained quartz sand
230	240	Sandy clay, grey, soft, very fine-fine grained, well sorted, trace subangular-subrounded, medium grained quartz sand
240	250	Sand, grey, medium grained, well sorted, subangular-subrounded
250	260	Sandy clay, grey, soft, very fine-fine grained, well sorted, trace subangular-subrounded, medium grained quartz sand
260	270	Sandy clay, grey, soft, very fine-fine grained, well sorted, trace subangular-subrounded, medium grained quartz sand
270	280	Sandy clay, grey, soft, very fine-fine grained, well sorted, trace subangular-subrounded, medium grained quartz sand
280	290	Sandy clay, grey, soft, very fine-fine grained, well sorted, trace subangular-subrounded, medium grained quartz sand
290	300	Sandy clay, grey, soft, very fine-fine grained, well sorted, trace subangular-subrounded, medium grained quartz sand
300	310	Sandy clay, grey, soft, very fine-fine grained, well sorted, trace subangular-subrounded, medium grained quartz sand
310	320	Sandy clay, grey, soft, very fine-fine grained, well sorted, trace subangular-subrounded, medium grained quartz sand
320	330	Sandy clay, grey, soft, very fine-fine grained, well sorted, trace subangular-subrounded, medium grained quartz sand
330	340	Sandy clay, pale grey, soft, very fine-medium grained, poorly sorted, trace angular-subangular, medium grained sand; sticky, grains consist of quartz and biotite, decomposed granite
340	350	Sandy clay, pale grey, soft, very fine-medium grained, poorly sorted, trace angular-subangular, medium grained sand; sticky, grains consist of quartz and biotite, decomposed granite
350	360	Sandy clay, pale grey, soft, very fine-medium grained, poorly sorted, trace angular-subangular, medium grained sand; sticky, grains consist of quartz and biotite, decomposed granite
360	370	Sandy clay, pale grey, soft, very fine-medium grained, poorly sorted, trace angular-subangular, medium grained sand; sticky, grains consist of quartz and biotite, decomposed granite
370	380	Sandy clay, pale grey, soft, very fine-medium grained, poorly sorted, trace angular-subangular, medium grained sand; sticky, grains consist of quartz and biotite, decomposed granite
380	390	Sand, pale grey, fine-coarse grained, v. poorly sorted, angular-subangular; crushed crystalline granitic rock
390	400	Sand, pale grey, fine-coarse grained, v. poorly sorted, angular-subangular; crushed crystalline granitic rock
400	407	Sand, pale grey, fine-coarse grained, v. poorly sorted, angular-subangular; crushed crystalline granitic rock

ES-1A

From (ft bgs)	To (ft bgs)	Lithologic Description
0	10	Clay, grey, firm
10	20	Sandy clay, brown, soft
20	30	Sandy clay, brown, soft
30	40	Clayey sand, yellowish brown, fine-coarse grained, well sorted, angular, abundant quartz and feldspar
40	50	Sandy clay, brown, soft
50	60	Sandy clay, brown, soft
60	70	Clay, brown and grey, soft
70	80	Clay, grey, firm
80	90	Sandy clay, grey, firm
90	100	Clayey sand, pale grey, fine-medium grained, very well sorted, angular-subrounded, abundant quartz and plagioclase
100	110	Clayey sand, very light brown, fine-coarse grained, well sorted, angular-subrounded, abundant quartz and feldspars
110	120	Sand, red/brown, fine-coarse grained, well sorted, angular-subangular, abundant quartz and feldspars, minimal biotite
120	130	Clayey sand, grey, medium-coarse grained, poorly sorted, angular-subrounded, abundant quartz and feldspars
130	140	Sand with Gravel, tan, fine-coarse grained, poorly sorted, angular-subrounded, abundant quartz and feldspars
140	150	Sandy clay, grey, soft
150	160	Sand, yellowish brown, fine-coarse grained, well sorted, angular-subangular, abundant quartz and feldspars
160	170	Clayey sand, yellowish brown, fine-coarse grained, moderately well sorted, angular-subangular, abundant quartz and feldspars
170	180	Clay grey, soft
180	190	Sandy clay, grey, firm
190	200	Sand, pale grey, fine-coarse grained, well sorted, subangular-rounded, abundant quartz and feldspars
200	210	Clayey sand with gravel, grey, fine-coarse grained, poorly sorted, angular-rounded, abundant quartz and chert
210	220	Sandy, gravely clay, grey, soft
220	230	Sand with gravel, grey-yellowish brown, fine-coarse grained, poorly sorted, angular-subrounded, abundant quartz and chert
230	240	Sand, yellowish brown, fine-medium grained, moderately sorted, angular-subrounded, abundant quartz and feldspars
240	250	Sandy gravel, yellowish brown, poorly sorted, subrounded-rounded, abundant quartz and feldspars
250	260	Gravely, sandy clay, yellowish brown/grey, soft
260	270	Clayey sand, yellowish brown, fine-medium grained, well sorted, angular-subangular, abundant quartz and feldspars
270	280	Sandy clay, grey, soft

280	290	Clayey sand , yellowish brown, fine-coarse grained, moderately sorted, angular-rounded, abundant quartz and feldspars
290	300	Sand with gravel, yellowish brown, fine-coarse grained, moderately sorted, angular-subrounded, abundant quartz and feldspars
300	310	Gravely clay, brown, soft
310	320	Clayey sand with gravel, brown, soft
320	330	Sandy clay, brown, soft
330	340	Sandy clay, brown, soft
340	350	Clay, brown, firm
350	360	Clay, brown, soft
360	370	Clay, brown, soft
370	380	Clay, brown, soft
380	390	Sandy clay, brown, soft
390	400	Sandy clay, brown, soft
400	410	Clayey sand, brown, fine-coarse grained, well sorted, angular-subrounded, abundant quartz and feldspars
410	420	Clayey sand, brown, fine-coarse grained, well sorted, angular-subrounded, abundant quartz and feldspars
420	430	Clayey sand, brown, fine-coarse grained, well sorted, angular-subrounded, abundant quartz and feldspars
430	440	Sandy clay, brown, soft
440	450	Sandy clay, brown, soft
450	460	Clayey sand, brown, fine-coarse grained, moderately sorted, angular-subrounded, abundant quartz and feldspars
460	470	Sand, brown, fine-coarse grained, moderately sorted, angular-subrounded, abundant quartz and feldspars
470	480	Sand, brown, fine-coarse grained, moderately sorted, angular-subrounded, abundant quartz and feldspars
480	490	Sand, brown, fine-coarse grained, moderately sorted, angular-subrounded, abundant quartz and feldspars
490	500	Sand with gravel, fine-coarse grained, moderately sorted, angular-subrounded, abundant quartz and feldspars
500	510	Clayey sand, brown, fine-coarse grained, moderately sorted, angular-subangular, abundant quartz and feldspars
510	520	Clayey sand, brown, fine-coarse grained, moderately sorted, angular-subrounded, abundant quartz and feldspars
520	530	Sandy clay, brown, soft
530	540	Sandy clay, brown, soft
540	550	Sandy clay, brown, soft
550	560	Clay, brown, soft
560	570	Clay, brown, soft
570	580	Clay, brown, soft
580	590	Clay, brown, soft
590	600	Sandy clay, brown, soft
600	610	Sandy clay, brown, soft
610	620	Clay, brown, soft

620	630	Clay, brown, soft
630	640	Sand, brown, fine-coarse grained, well sorted, angular-subrounded, abundant quartz and feldspars
640	650	Clayey sand, brown, fine-coarse grained, well sorted, angular-subrounded, abundant quartz and feldspars
650	660	Sandy clay, brown, soft
660	670	Clayey sand, brown, fine-coarse grained, well sorted, angular-subrounded, abundant quartz and feldspars
670	680	Sand, brown, fine-coarse grained, well sorted, angular-subrounded, abundant quartz and feldspars
680	690	Sandy clay, brown, soft
690	700	Clay, brown, soft
700	710	Clayey sand, brown, fine-coarse grained, well sorted, angular-subangular, abundant quartz and feldspars
710	720	Sandy clay, brown, soft
720	730	Clayey sand, brown, fine-coarse grained, well sorted, angular-subangular, abundant quartz and feldspars
730	740	Clayey sand, brown, fine-coarse grained, well sorted, angular-subangular, abundant quartz and feldspars
740	750	Clay, brown, firm
750	760	Clay, brown, firm
760	770	Sandy clay, brown, firm
770	780	Sandy clay, brown, firm
780	790	Clay, brown, hard
790	800	Clay, brown, firm
800	810	Sandy clay, brown, soft
810	820	Clayey sand, brown, fine-coarse grained, well sorted, angular-subangular, abundant quartz and feldspars
820	830	Clay, brown, hard
830	840	Clay, brown, soft
840	850	Clay, brown, firm
850	860	Sandy clay, brown, firm
860	870	Sandy clay, brown, firm
870	880	Clay, brown, firm
880	890	Clay, brown, firm
890	900	Clay, brown, firm
900	910	Clay, brown, firm
910	920	Sandy clay, brown, soft
920	930	Clay, brown, firm
930	940	Clay, brown, firm
940	950	Clay, brown, firm
950	960	Clay, brown, firm
960	970	Clay, brown, firm
970	980	Sandy clay, brown, firm
980	990	Sandy clay, brown firm
990	1000	Sandy clay, brown, soft
1000	1010	Sandy clay, brown, firm
1010	1020	Clayey sand, brown, fine-coarse grained, moderately well sorted, angular-subrounded, abundant quartz and feldspars

1020	1030	Sandy clay, brown, soft
1030	1040	Sandy clay, brown, soft
1040	1050	Sandy clay, brown, soft
1050	1060	Clay, brown, soft
1060	1070	Sandy clay, brown, soft
1070	1080	Clay, brown, soft
1080	1090	Sandy clay, brown, soft
1090	1100	Clay, brown, soft
1100	1110	Sandy clay, brown, soft
1110	1120	Sandy clay, brown, soft
1120	1130	Clay, brown, soft
1130	1140	Sandy clay, brown, soft
1140	1150	Clay, brown, soft
1150	1160	Clay, brown, soft
1160	1170	Clay, brown, soft
1170	1180	Clay, brown, soft
1180	1190	Clay, brown, soft
1190	1200	Clay, brown, soft
1200	1210	Clay, brown, firm
1210	1220	Sandy clay, brown, soft
1220	1230	Clayey sand, brown, fine-coarse grained, moderately well sorted, subangular-subrounded, abundant quartz
1230	1240	Clayey sand, brown, fine-coarse grained, moderately well sorted, subangular-subrounded, abundant quartz
1240	1250	Sandy clay, brown, soft
1250	1260	Sandy clay, brown, soft
1260	1270	Sandy clay, brown, soft
1270	1280	Sandy clay, brown, soft
1280	1290	Sandy clay, brown, soft
1290	1300	Sandy clay, brown, soft

F-ISW-1

From (ft bgs)	To (ft bgs)	Lithologic Description
0	10	Sand with gravel, pale grey and brown, fine-coarse grained, poorly sorted, angular-subrounded, gravel to 3 cm in dimension
10	20	Sand with gravel, pale grey and brown, fine-coarse grained, poorly sorted, angular-subrounded, gravel to 3 cm in dimension
20	30	Sand with gravel, pale grey and brown, fine-coarse grained, poorly sorted, angular-subrounded, gravel to 3 cm in dimension
30	40	Gravelly clay, pale grey and brown, fine-coarse grained, poorly sorted, angular-subrounded, gravel to 3 cm in dimension
40	50	Clay, brown, soft
50	60	Clay, brown, soft
60	70	Clay, brown, soft
70	80	Clay, brown, soft
80	90	Clay, brown, soft
90	100	Clay, brown, soft
100	110	Clay, brown, soft
110	120	Clay, brown, soft
120	130	Clay, brown, soft
130	140	Clay, brown, soft
140	150	Clay, grey, soft
150	160	Clay, grey, soft
160	170	Clay, grey, soft
170	180	Clay, grey, soft
180	190	Clay, grey, soft
190	200	Clay, grey, soft

F-DA-1

From (ft bgs)	To (ft bgs)	Lithologic Description
0	10	Sand, dark grey, fine-coarse grained, well sorted, angular, abundant quartz
10	20	Sand, dark grey, fine-coarse grained, well sorted, angular, abundant quartz
20	30	Sandy gravel, dark grey, angular-subangular, grain size 3-25mm
30	40	Clayey sand, dark grey, fine-coarse grained, angular-subangular, well sorted, abundant quartz
40	50	Sand, yellowish brown, fine-coarse grained, well sorted, angular-subangular, abundant quartz
50	60	Sand, yellowish brown, fine-coarse grained, well sorted, angular-subangular, abundant quartz and plagioclase
60	70	Sand, yellowish brown, fine-coarse grained, moderately sorted, angular-rounded, abundant quartz and plagioclase
70	80	Gravely sand, yellowish brown, fine-coarse grained, poorly sorted, angular-rounded, abundant quartz and plagioclase
80	90	Gravely sand, yellowish brown, fine-coarse grained, poorly sorted, subangular-rounded, abundant quartz and plagioclase
90	100	Gravely, clayey sand, yellowish brown, fine-coarse grained, poorly sorted, subangular-rounded, abundant quartz and plagioclase
100	110	Gravely clay, brown, soft
110	120	Clay, brown, soft
120	130	Clayey sand, yellowish brown, fine-coarse grained, well sorted, angular-subangular, abundant quartz and chert
130	140	Sand, yellowish brown, fine-coarse grained, well sorted, angular-rounded, abundant quartz and chert
140	150	Sand, yellowish brown, fine-coarse grained, well sorted, angular-rounded, abundant quartz and chert
150	160	Clayey sand, yellowish brown, fine-coarse grained, well sorted, angular-subangular, abundant quartz
160	170	Clayey sand, yellowish brown, fine-coarse grained, well sorted, angular-subrounded, abundant quartz
170	180	Sand, yellowish brown, fine-coarse grained, moderately sorted, angular-subangular, abundant quartz
180	190	Sand, yellowish brown, fine-coarse grained, well sorted, angular-subangular, abundant quartz
190	200	clayey sand, yellowish brown, fine-medium grained, well sorted, angular-subangular, abundant quartz
200	210	Clayey sand, yellowish brown, fine-coarse grained, well sorted, angular-subangular, abundant quartz
210	220	Sandy clay, brown, firm
220	230	Sandy clay, brown, firm
230	240	Sandy clay, brown, firm
240	250	Sandy clay, brown, firm
250	260	Sandy clay, brown, firm
260	270	Sandy clay, brown, firm

270	280	Clayey sand, brown, fine-medium grained, well sorted, subangular-rounded, abundant quartz
280	290	Sandy clay, brown, firm
290	300	Sandy clay, brown, firm
300	310	Sandy clay, brown, firm
310	320	Sandy clay, brown, soft
320	330	Sandy clay, brown, soft
330	340	Sandy clay, brown, soft
340	350	Sandy clay, brown, soft
350	360	Sandy clay, brown, soft
360	370	Clayey sand, brown, fine-medium grained, very well sorted, angular-subangular, abundant quartz
370	380	Clay, brown, soft
380	390	Clay, brown, soft
390	400	Sandy clay, brown, soft
400	410	Sandy clay, brown, soft
410	420	Sandy clay, brown, soft
420	430	Sandy clay, brown, soft
430	440	Sandy clay, brown, soft
440	450	Sandy clay, brown, soft
450	460	Sandy clay, brown, soft
460	470	Clay, brown, soft
470	480	Clayey sand, yellowish brown, fine-coarse grained, well sorted, subangular-angular, abundant quartz and chert
480	490	Clayey sand, yellowish brown, fine-coarse grained, well sorted, subangular-angular, abundant quartz and chert
490	500	Clayey sand, yellowish brown, fine-coarse grained, moderately sorted, subangular-rounded, abundant quartz
500	510	Clayey sand, yellowish brown, fine-coarse grained, moderately sorted, subangular-rounded, abundant quartz
510	520	Sand, yellowish brown, fine-coarse grained, well sorted, subangular-rounded, abundant quartz
520	530	Sandy clay, brown, soft
530	540	Sandy clay, brown, soft
540	550	Clayey sand, yellowish brown, fine-coarse grained, well sorted, angular-subangular, abundant quartz
550	560	Clayey sand, yellowish brown, fine-coarse grained, well sorted, subangular-rounded, abundant quartz
560	570	Sand, yellowish brown, fine-coarse grained, well sorted, subangular-rounded, abundant quartz
570	580	Clayey sand, yellowish brown, fine-coarse grained, well sorted, subangular-rounded, abundant quartz
580	590	Sand, yellowish brown, fine-coarse grained, well sorted, subangular-rounded, abundant quartz
590	600	Sand, yellowish brown, fine-coarse grained, well sorted, subangular-rounded, abundant quartz
600	610	Clay, brown, soft
610	620	Sand, yellowish brown, fine-coarse grained, well sorted, angular-subangular, abundant quartz
620	630	Clay, brown, soft

630	640	Clay, brown, soft
640	650	Sandy clay, brown, soft
650	660	Clayey sand, yellowish brown, fine-coarse grained, well sorted, angular-subangular, abundant quartz
660	670	Clayey sand, yellowish brown, fine-coarse grained, well sorted, angular-subangular, abundant quartz
670	680	Clayey sand, yellowish brown, fine-coarse grained, well sorted, angular-subangular, abundant quartz
680	690	Sandy clay, brown, soft
690	700	Sandy clay, brown, soft
700	710	Sandy clay, brown, soft
710	720	Clayey sand, yellowish brown, fine-coarse grained, well sorted, angular-subangular, abundant quartz and chert
720	730	Clayey sand, yellowish brown, fine-coarse grained, well sorted, angular-subangular, abundant quartz and chert
730	740	Sand with gravel, yellowish brown, fine-coarse grained, well sorted, angular-subangular, crushed gravel, abundant quartz
740	750	Clay, yellowish brown, hard
750	760	Clay, yellowish brown, hard
760	770	Sand, yellowish brown, medium to coarse grained, well sorted, angular-subangular with crushed chert
770	780	Sand, yellowish brown, medium to coarse grained, well sorted, angular-subangular with crushed gravel bearing chert
780	790	Clay, yellowish brown, hard, sticky, trace coarse sand
790	800	Sand with gravel, yellowish brown, fine-coarse grained, poorly sorted, angular-subangular, with crushed gravel
800	810	Sand, yellowish brown, fine-coarse grained, poorly sorted, angular to subangular, with crushed gravel
810	820	Sand, yellowish brown, fine-coarse grained, poorly sorted, angular to subangular, with crushed gravel
820	830	Sand, yellowish brown, medium-coarse grained, moderately well sorted, angular to subangular, with crushed gravel
830	840	Sand, yellowish brown, medium-coarse grained, moderately well sorted, angular to subangular, with crushed gravel
840	850	Clay, yellowish brown, hard, sticky
850	860	Clay, yellowish brown, hard, sticky
860	870	Clay, yellowish brown, hard, sticky
870	880	Clay, yellowish brown, hard, sticky, with medium-coarse sand
880	890	Clay, yellowish brown, hard, sticky, trace medium-coarse sand
890	900	Clay, yellowish brown, hard, sticky
900	910	Clay, yellowish brown, hard, sticky, trace medium-coarse sand
910	920	Sand with clay, yellowish brown, angular-subangular, moderately poorly sorted, sticky clay

920	930	Sand, yellowish brown, medium-coarse grained, well sorted, angular to subangular
930	940	Sand, yellowish brown, medium-coarse grained, well sorted, angular to subangular
940	950	Sand, yellowish brown, medium-coarse grained, poorly sorted, angular to subangular, trace crushed gravel
950	960	Sand, yellowish brown, medium-coarse grained, poorly sorted, angular to subangular
960	970	Sand, yellowish brown, medium-coarse grained, poorly sorted, angular to subangular
970	980	Sand, yellowish brown, medium-coarse grained, poorly sorted, angular to subangular
980	990	Clay with v. fine to fine sand, yellowish brown, trace angular coarse sand
990	1000	Clay with v. fine to fine sand, yellowish brown, trace angular coarse sand
1000	1010	Clay, yellowish brown sticky
1010	1020	Clay, yellowish brown sticky
1020	1030	Clay, yellowish brown sticky
1030	1040	Clay, yellowish brown sticky
1040	1050	Clayey sand, yellowish brown, medium-coarse grained, well sorted, angular to subrounded, with sticky clay
1050	1060	Sand, yellowish brown, fine-coarse grained, poorly sorted, angular to subangular; quartz, dark and colored lithics
1060	1070	Sand with clay, yellowish brown, fine-coarse grained, poorly sorted, angular-subangular
1070	1080	Sand with clay, yellowish brown, fine-coarse grained, poorly sorted, angular-subangular
1080	1090	Sand, yellowish brown, fine-coarse grained, poorly sorted, angular-subangular, trace clay
1090	1100	Sand with clay, yellowish brown, v. fine-fine grained, poorly sorted, angular-subangular
1100	1110	Clayey sand, yellowish brown, fine-coarse grained, poorly sorted, angular to subrounded, sticky clay
1110	1120	Sand, yellowish brown, v. fine-fine grained, well sorted, trace fines, medium grained sand
1120	1130	Clay, yellowish brown, sticky, very trace sand
1130	1140	Clay, yellowish brown, sticky, very trace sand
1140	1150	Clay, yellowish brown, sticky, very trace sand
1150	1160	Clay, yellowish brown, sticky, very trace sand
1160	1170	Clay, yellowish brown, sticky, trace fine-medium grained, angular-subrounded sand,
1170	1180	Sandy clay, yellowish brown, sticky, fine-medium grained, angular-subrounded sand
1180	1190	Sandy clay, yellowish brown, sticky, fine-medium grained, angular-subrounded sand
1190	1200	Sandy clay, yellowish brown, sticky, fine-coarse grained, angular-subrounded sand
1200	1210	Sand with clay, yellowish brown, v. fine-medium grained, poorly sorted, subangular-subrounded, with sticky clay

1210	1220	Sand with clay, yellowish brown, v. fine-coarse grained, poorly sorted, subangular-subrounded, with sticky clay
1220	1230	Sand with clay, yellowish brown, v. fine-fine grained, well sorted, subrounded-rounded, with sticky clay
1230	1240	Sand with clay, yellowish brown, v. fine-coarse grained, poorly sorted, subangular-subrounded, with sticky clay
1240	1250	Clayey sand, yellowish brown, fine-coarse grained, poorly sorted, angular to subrounded, poorly sorted sand, sticky clay
1250	1260	Sand with clay, yellowish brown, v. fine-coarse grained, subangular-subrounded, poorly sorted, with sticky clay
1260	1270	Clayey sand, yellowish brown, v. fine-medium grained, poorly sorted, angular to subrounded, poorly sorted sand, sticky clay
1270	1280	Clayey sand, yellowish brown, v. fine-medium grained, poorly sorted, angular to subrounded, poorly sorted sand, sticky clay
1280	1290	Clay, yellowish brown, sticky, trace fine-medium sand
1290	1300	Clay, yellowish brown, sticky, trace fine-medium sand

UV-GWL-2

From (ft bgs)	To (ft bgs)	Lithologic Description
0	10	clay, dark grey, soft
10	20	clayey sand, white/grey, fine-coarse grained, poorly sorted, angular-rounded, abundant quartz and chert
20	30	sandy clay, light brown, soft
30	40	sandy clay, light brown, soft
40	50	sand, white/grey, fine-coarse grained, poorly sorted, very angular-subrounded, abundant quartz and chert
50	60	clayey sand, dark grey/red, fine-coarse grained, poorly sorted, very angular-subrounded, abundant quartz and chert
60	70	gravely clay, light brown, soft
70	80	gravely clay, light brown, soft
80	90	clay, light brown, soft
90	100	sand, white/grey/tan, fine-coarse grained, well sorted, very angular-subrounded, abundant chert and quartz
100	110	sandy clay, light brown, soft
110	120	clay, brown, soft
120	130	clay, brown, soft
130	140	clay, brown, firm
140	150	clay, brown, firm
150	160	clay, brown, firm
160	170	clay, brown, firm
170	180	clay, brown, soft
180	190	clay, brown, soft
190	200	gravely, sandy clay, brown, soft
200	210	clay, brown, soft
210	220	clay, brown, soft
220	230	gravely, sandy clay, brown, soft
230	240	gravely clay, brown, soft
240	250	clay, brown, soft
250	260	clayey sand, white/dark grey, angular-subrounded, poorly sorted, abundant chert and quartz
260	270	clayey, gravely sand, white/dark grey, angular-subrounded, poorly sorted, abundant chert and quartz
270	280	clayey, gravely, sand, white/dark grey, angular-subrounded, poorly sorted, abundant chert and quartz
280	290	gravely clay, brown, hard
290	300	clay, brown, firm
300	310	clayey, gravely sand, white/dark grey, fine-coarse grained, angular-rounded, abundant chert and quartz
310	320	gravely sand, white/dark grey, fine-coarse grained, angular-rounded, moderately sorted, abundant chert and quartz
320	330	sandy, gravely clay, brown, soft
330	340	clay, brown, firm
340	350	sandy silt, v.fine-fine sand, brown
350	360	clayey sand w/ gravel, brown, med-c sand, subangular-rounded, crushed gravel

360	370	clayey sand w/ gravel, brown, med-c sand, subangular-rounded, crushed gravel
370	380	clayey sand w/gravel,brown, med-c sand, subangular-rounded, crushed gravel
380	390	clay, brown, firm
390	400	clay, brown, firm
400	410	clay, brown, firm
410	420	silt, trace v.f. sand, brown
420	430	clay with sand, brown, firm, vf-c sand, trace crushed gravel
430	440	sandy clay, brown, firm, vf-c sand, poorly sorted, angular-subangular, crushed gravel
440	450	clayey sand, m-c grained, angular-rounded with crushed gravel
450	460	sand with gravel, brown, m-c grained, angular-rounded with crushed gravel, well sorted
460	470	clay, brownish grey, firm, trace c. sand and gravel
470	480	clay, brownish grey, firm, trace c. sand and gravel
480	490	clay, light grey, firm, tr. Sand
490	500	clay, light grey, firm, tr. Fine sand
500	510	sand w/gravel, m-c grained, well sorted, angular-subrounded w/ crushed gravel, Tr. Clay, abundant chert
510	520	sand w/gravel, m-c grained, well sorted, angular-subrounded, w/ crushed gravel frags
520	530	sand w/gravel, m-c grained, well sorted, angular-subangular, w/ crushed gravel frags
530	540	clay, brown and grey, firm
540	550	sand w/ gravel, m-c grained, well sorted, angular-subangular, w/ crushed gravel frags, abundant dark lithics
550	560	sand w/ gravel, m-c grained, well sorted, angular-subangular, w/ crushed gravel frags
560	570	clay, brownish grey, firm, trace gravel fragments
570	580	clayey sand, brown, m-c grained, well sorted, angular-subrounded, Tr. Crushed gravel
580	590	clay, brownish grey, firm, trace vf. Sand
590	600	sandy clay, orangish brown, m-c sand, subangular-subrounded
600	610	clay, grey, brown, trace f-c sand, angular-subrounded, trace crushed gravel
610	620	clay, grey, brown, c. sand size chips, trace angular sand
620	630	sand w/clay, orangish brown, angular-subangular, m-c sand, well sorted, trace crushed gravel
630	640	sand w/clay, orangish brown, m-c grained angular-subangular, trace crushed gravel
640	650	clay, grey, orangish brown, fines: grey chips to 1/4 cm, orange chips to 2cm
650	660	clay, brown, soft, less chips
660	670	clay, grey, orangish brown, grey chips to 1/4 cm, orange chips to 2cm
670	680	clay, grey, orangish brown, grey chips to 1/4 cm, orange chips to 2cm

680	690	clay, grey, orangish brown
690	700	clay, grey, orangish brown

UV-GWL-3

From (ft bgs)	To (ft bgs)	Lithologic Description
0	10	Sand, white, red, and dark grey, medium-coarse grained, poorly sorted, angular-subrounded, angular-subrounded quartz, chert, and feldspars, trace gravel
10	20	Sand, white, red, and dark grey, medium-coarse grained, poorly sorted, angular-subrounded, trace clay, angular-subrounded quartz, chert, and feldspars gravel
20	30	Sand, white, red, and dark grey, fine-coarse grained, poorly sorted, angular-subrounded, trace angular-subrounded quartz, chert, and feldspars gravel
30	40	Gravel, white, red, and dark grey, fine-coarse grained, poorly sorted, angular-subrounded quartz, and chert, trace sand, clay
40	50	Gravel with sand, red, and dark grey, fine-medium grained gravel, moderately well sorted, angular-subrounded quartz, and chert, trace clay
50	60	Gravelly clay, light brown, soft
60	70	Sand, white, red, and dark grey, medium-coarse grained, poorly sorted, angular-subangular quartz, and chert
70	80	Sand, pale brown, fine-coarse grained, angular-rounded, moderately well sorted, abundant quartz and chert
80	90	Sand, pale grey, fine-coarse grained, angular-rounded, moderately well sorted, abundant quartz and chert
90	100	Sand, pale grey, medium-coarse grained, angular-rounded, moderately well sorted, abundant quartz and chert
100	110	Sand, white, red, and dark grey, fine-coarse grained, angular-subrounded, moderately poorly sorted, abundant quartz and chert
110	120	Gravel with sand, white, red, and dark grey, gravel dimensions to 15 mm, moderately poorly sorted, angular-subrounded quartz and chert, trace clay
120	130	Clayey gravel, red, dark grey, gravel dimesions to 15 mm, moderately poorly sorted, angular-subrounded quartz and chert
130	140	Gravelly clay, brown, soft
140	150	Clay, brown, soft
150	160	Clay, brown, soft
160	170	Clay, brown, soft
170	180	Clay, brown, soft
180	190	Clay, brown, firm
190	200	Clay, brown, firm
200	210	clay w/ sand, brown sticky w/ fine-coarse, angular-subrounded, poorly sorted w/ ~5% gravel
210	220	clay w/ sand, brown sticky, w/ fine-coarse, angular-subrounded, poorly sorted w/ less than 5% gravel
220	230	clay w/ sand and gravel, brown sticky, w/ fine-coarse, angular-subrounded, poorly sorted w/ ~5% gravel
230	240	clay w/ sand and gravel, brown sticky, w/ fine-coarse, angular-subrounded, poorly sorted w/ ~10% gravel

240	250	clay w/ sand and gravel, light brown sticky, w/ fine-coarse, angular-subrounded, poorly sorted w/ ~5% gravel
250	260	clay w/sand, light brown sticky, w/ fine-coarse, angular-subrounded, poorly sorted
260	270	sand w/ clay, greyish brown, slightly sticky, w/ fine-coarse, subangular-rounded, moderately sorted
270	280	sand w/ clay and gravel, greyish brown, slightly sticky, w/ fine-coarse, subangular-rounded, poor-moderately sorted
280	290	clay w/ sand and gravel, light brown, sticky, w/fine-coarse, angular-subrounded, poorly sorted
290	300	clay w/ sand and gravel, light brown, sticky, w/fine-coarse, angular-subrounded, poorly sorted
300	310	sand w/ clay and gravel, light brown, slightly sticky, w/ fine-coarse, subangular-subrounded, poorly-moderately sorted
310	320	sand w/ clay and gravel, brown, sticky, w/ fine-coarse, angular-subrounded, poor-moderately sorted
320	330	clay w/ sand and gravel, brown, sticky, w/ fine-coarse, angular-subrounded, poor-moderately sorted
330	340	clay w/ sand and gravel, brown, sticky, w/ fine-coarse, angular-subrounded, poorly sorted
340	350	clay w/ sand and gravel, brown, sticky, w/ fine-coarse, angular-subrounded, poorly sorted
350	360	clay w/ sand, brown, sticky, w/ fine-coarse, angular-subrounded, moderately sorted
360	370	clay w/sand, brown, sticky, w/ fine-coarse, angular-subangular, poor-moderately sorted
370	380	sand w/ clay, brown, sticky, w/ fine-coarse, angular-subangular, moderately sorted
380	390	sand w/clay, brown, sticky, w/ fine-medium, angular-subrounded, moderately-well sorted
390	400	sand, greyish brown, fine-medium, angular-subrounded, well sorted
400	410	sand, greyish brown, v fine-coarse, angular-subrounded, moderately sorted
410	420	sand w/clay, brown, sticky, w/ fine-coarse, angular-subangular, poor-moderately sorted
420	430	clay w/ sand, brown sticky, fine-coarse, angular-subangular, poorly sorted
430	440	clay w/sand, brown, sticky, fine-coarse, angular-subangular, poorly sorted
440	450	clay w/sand, brown, sticky, fine-coarse, angular-subangular, poorly sorted
450	460	clay w/ sand, brown, sticky, fine-coarse, angular-subangular, poorly sorted
460	470	clay w/ sand, brown, sticky, fine-coarse, angular-subangular, poorly sorted
470	480	sand w/ clay, brown, sticky, very fine-coarse, angular-subrounded, moderately sorted
480	490	sand w/ clay and gravel, light brown, slightly sticky, very fine-coarse, angular-subrounded, poor-moderately sorted

490	500	sand w/ clay, light brown, sticky, very fine-coarse, angular-subrounded, moderately sorted

ES-ISW-1

From (ft bgs)	To (ft bgs)	Lithologic Description
0	5	Topsoil: Silty Sand, dark grey, very fine-grained, damp
5	12	Silty Sand: reddish brown, very fine to coarse-grained, poorly sorted, with traces of silt and clay, damp
12	22	Sand: reddish brown, very fine to coarse-grained, poorly sorted, angular to sub-rounded, damp to moist
22	30	Sand: light brown, very fine to coarse-grained, poorly sorted, angular to sub-rounded, with traces of gravel, dry to damp
30	35	Sand: light brown, very fine to coarse-grained, poorly sorted, angular to sub-rounded, dry to damp
35	39	Clay: dark brown, firm, with traces of silt, sand, and gravel, damp
39	45	Sand: dark brown, fine to medium-grained, poorly sorted, angular to sub-angular, with traces silt, damp
45	50	Sand: dark brown, very fine to fine-grained, well sorted, with traces silt, damp
50	55	Sand: light brown to grey, fine to coarse-grained, angular decomposed granite

F-ISW-2

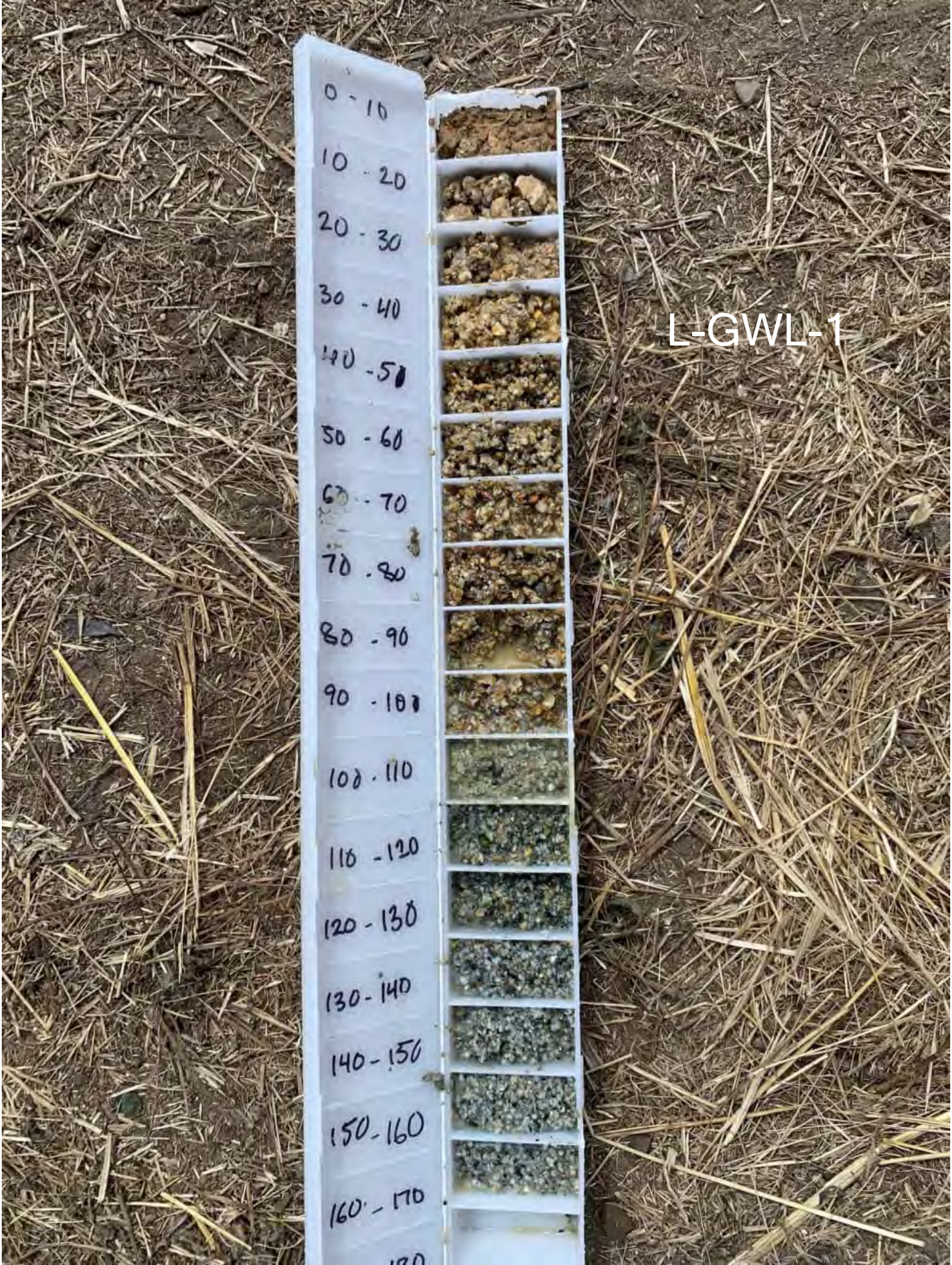
From (ft bgs)	To (ft bgs)	Lithologic Description
0	1	Topsoil: Silt, brown, with minor gravel and sand, loose, dry
1	6	Silt: brown, with traces of fine-grained sand, loose, dry-damp
6	10	Silt: dark brown, with traces of clay and fine to coarse-grained sand, firm, damp
10	15	Sandy Clay: dark grey to brown, with fine to coarse-grained sand interbeds, firm, damp
15	21	Sand: Light brown, fine to coarse-grained, moderately to poorly sorted, angular to sub-rounded, with dark brown clay interbeds up to 4-inches thick
21	50	Sand: Light brown, fine to coarse-grained, poorly sorted, angular to sub-rounded, with trace clay interbeds and gravel
50	60	Sand: Light brown, fine to coarse-grained, poorly sorted, angular to sub-rounded, with 4-inch bluish-grey clay interbed and gravel
60	75	Sand: Light brown, fine to coarse-grained, poorly sorted, angular to sub-rounded, with trace clay interbeds and gravel

F-ISW-3

From (ft bgs)	To (ft bgs)	Lithologic Description
0	2.5	Topsoil/Concrete Apron: Light brown to grey, fine-grained to coarse grained, poorly sorted
2.5	20	Sand: Light brown, very fine to fine-grained, well sorted, loose, sub-rounded to rounded, moist to wet
20	75	Sand: Brown, fine to medium-grained, moderately well sorted, angular to sub-rounded, traces silt and angular coarse grained sand, wet

UV-ISW-2

From (ft bgs)	To (ft bgs)	Lithologic Description
0	3	Fill: Sand, light brown, fine to medium-grained, with angular gravel and silt
3	10	Sand: dark brown, very fine-grained, well sorted, with traces silt, damp
10	15	Sand: dark brown, very fine-grained, well sorted, with traces silt, clay and gravel, damp
15	20	Silty Sand: brown, very fine-grained, with silt and gravel, damp
20	25	Silty Sand: grey, very fine-grained, with silt, moist
25	36	Sand with Gravel: brown, fine to coarse-grained, poorly sorted, angular to sub-rounded, wet
36	50	Silty Clay: brown, firm, with minor very fine-grained sand
50	60	Sand with Gravel: light brown, fine to coarse-grained, poorly sorted, angular to sub-rounded
60	75	Sand with Gravel: light brown, fine to coarse-grained, with traces silt and clay, poorly sorted, angular to sub-rounded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L-GWL-4
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390 - 400

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F-DA-1

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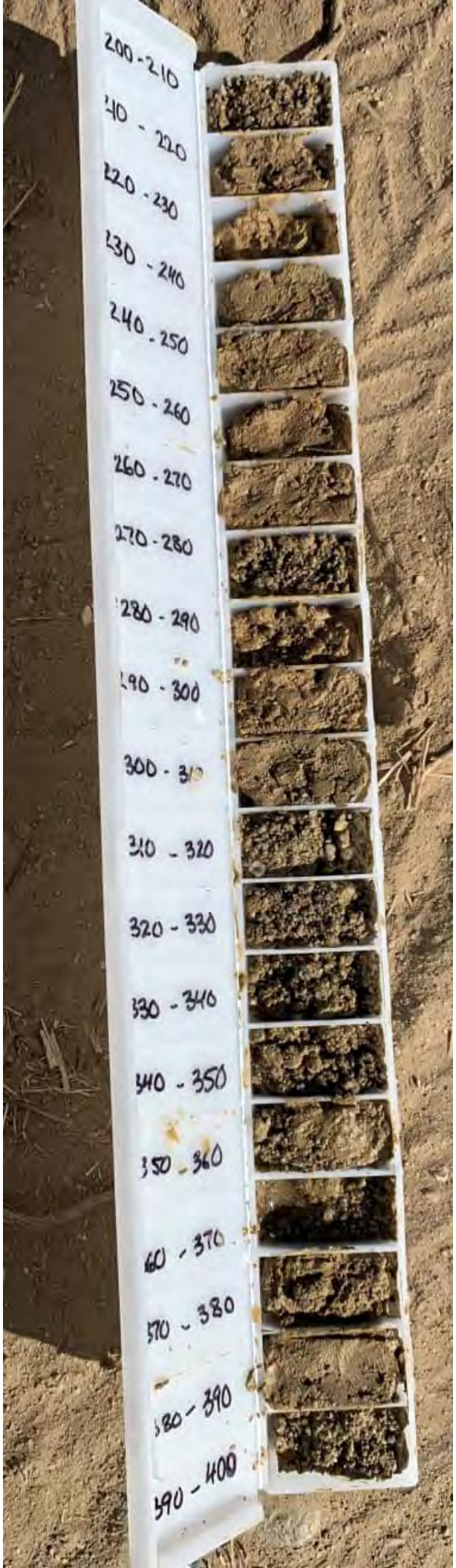
F-DA-1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F-DA-1

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F-DA-1

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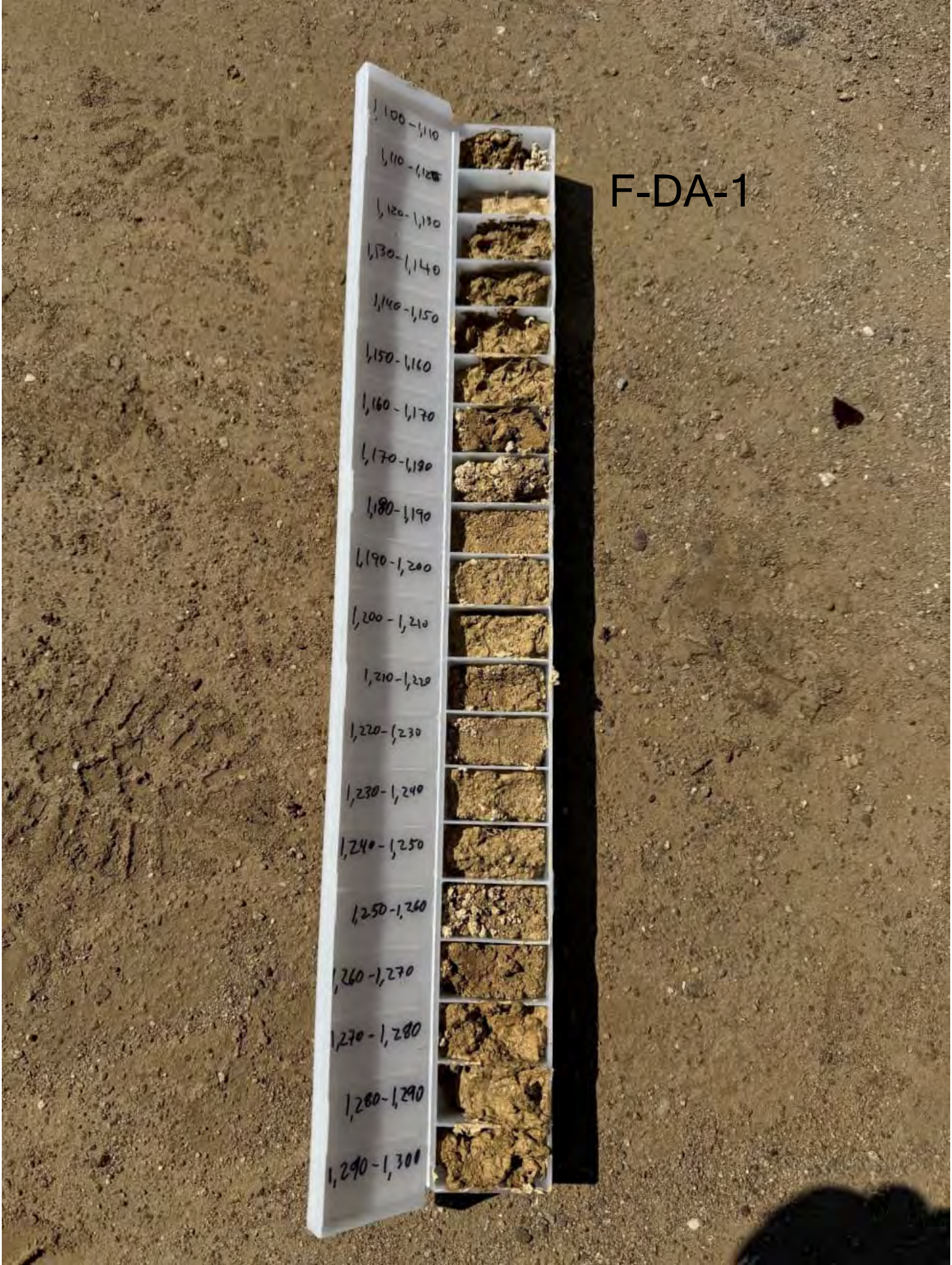
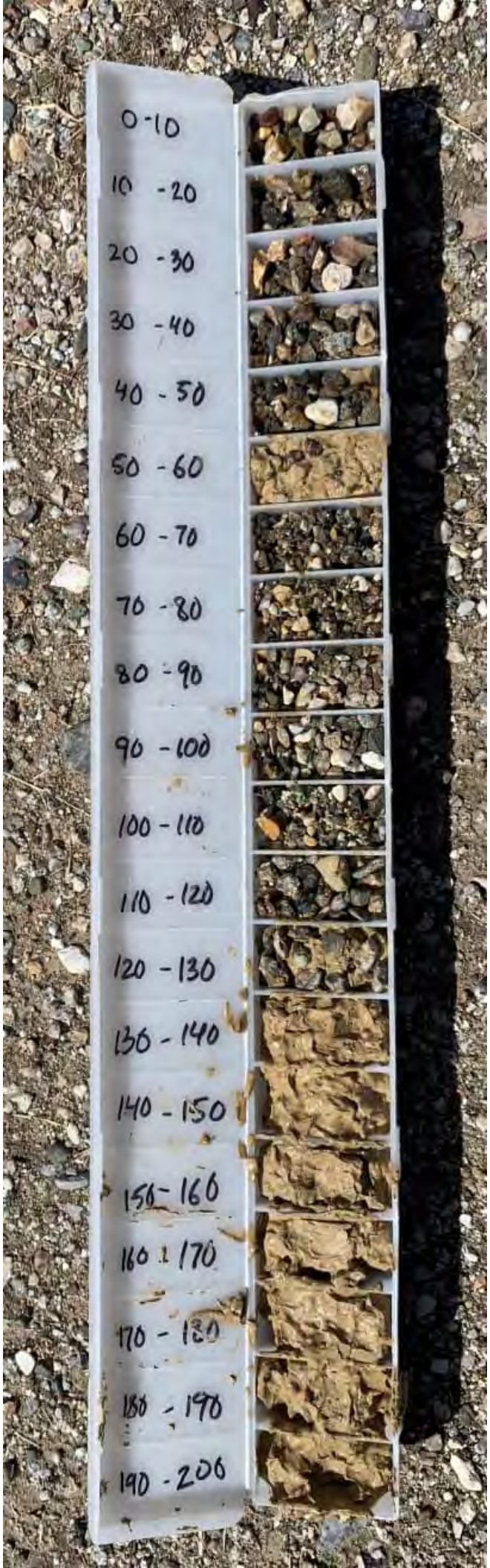
1,080 - 1,090
1,090 - 1,100


F-DA-1
1,100-1,110
1,110-1,120
1,120-1,130
1,130-1,140
1,140-1,150
1,150-1,160
1,160-1,170
1,170-1,180
1,180-1,190
1,190-1,200
1,200-1,210
1,210-1,220
1,220-1,230
1,230-1,240
1,240-1,250
1,250-1,260
1,260-1,270
1,270-1,280
1,280-1,290
1,290-1,300

F-ISW-1
0 - 10
10 - 20
20 - 30
30 - 40
40 - 50
50 - 60
60 - 70
70 - 80
80 - 90
90 - 100
100 - 110
110 - 120
120 - 130
130 - 140
140 - 150
150 - 160
160 - 170
170 - 180
180 - 190
190 - 200

UV-GWL-3


0-10
10 -20
20 -30
30 -40
40 -50
50 -60
60 -70
70 -80
80 -90
90 -100
100 -110
110 -120
120 -130
130 - 140
140 - 150
150 - 160
160 - 170
170 - 180
180 - 190
190 - 200

UV-GWL-3

400-410
410-420
420-430
430-440
440-450
450-460
460-470
470-480
480-490
490-500
200-210
210-220
220-230
230-240
240-250
260-270
270-280
280-290
310-320
320-330
330-340
340-350
350-360
370-380
380-390
390-400

0-10
10-20
20-30
30-40
40-50
50-60
60-70
70-80
80-90
90-100
100-110
110-120
120-130
130-140
140-150
150-160
160-170
170-180
180-190
190-200
200-210
210-220
220-230
230-240
240-250
250-260
260-270
270-280
280-290
290-300
300-310
310-320
320-330
330-340
340-350
350-360
360-370
370-380
380-390
390-400
UV-GWL-2

ES-ISW-1

0-5
HA
10-11
spt
15-16
spt
20-21
spt
25-26
spt
30-31
spt
35-36
spt
40-41
spt
45-46
spt
50-51
spt
50-55
cuttings
55-56

F-ISW-3

F-ISW-2

0-5
5-6 NA
cuttings
10-11 spt
15-16 spt
20-21 spt
30-31 spt
40-41 spt
40-41 spt
50-51
clay+Gr
50-51
Sand+Gr

UV-ISW-2

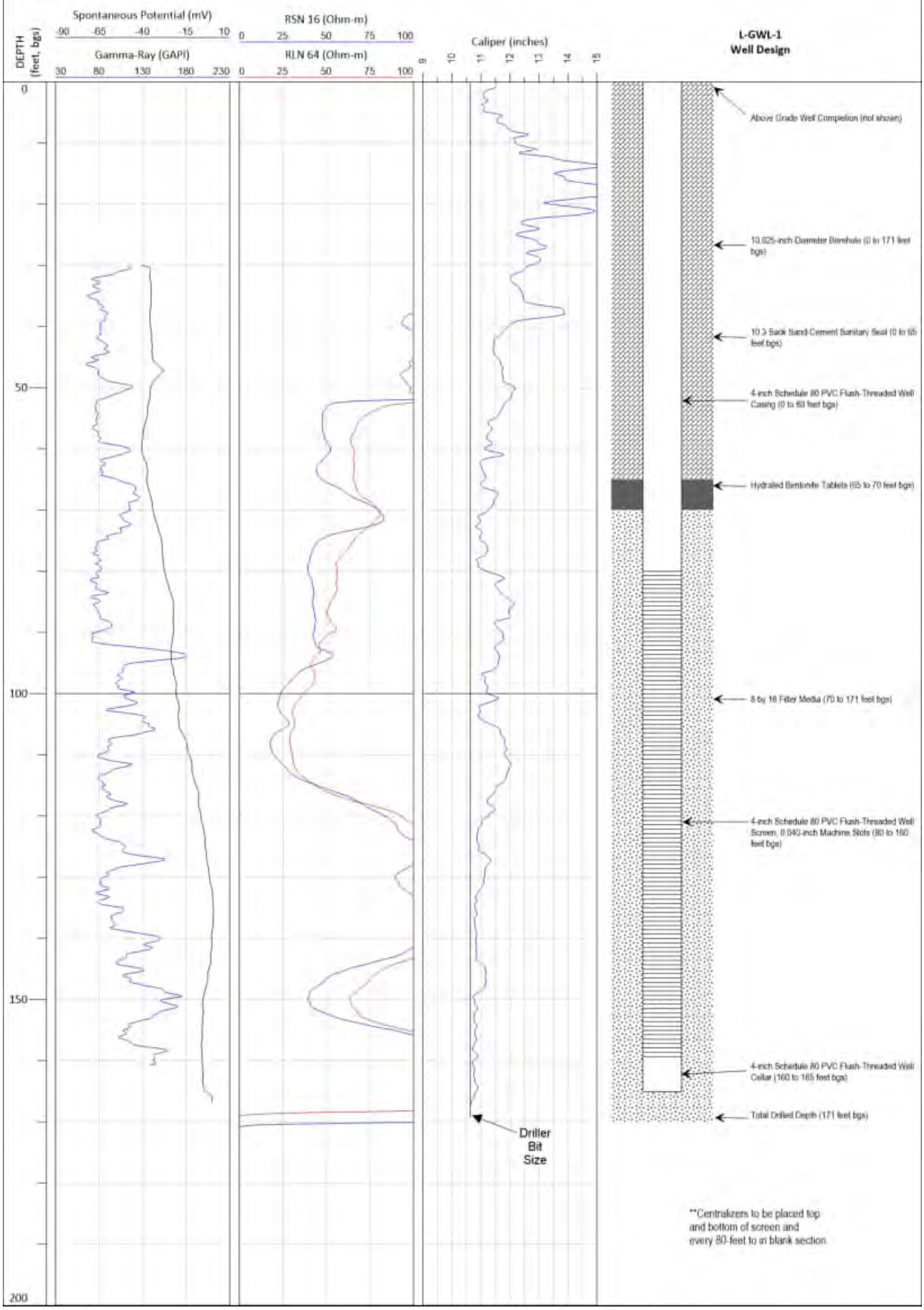
3-5
HA
10-11
spt
15-16
spt
20-21
silt spt
20-21
sand spt
25-26
spt
30-31
spt
40-41
silt spt
40-41
clay spt
50-51
spt
60-61
spt
70-71

L-GWL-1 Well Design - FINAL FOR CONSTRUCTION

MONTGOMERY & ASSOCIATES

Client: Salinas Valley Basin GSA
Driller: Bradley & Son's, Inc.
Method: Direct Mud Rotary

July 17, 2025

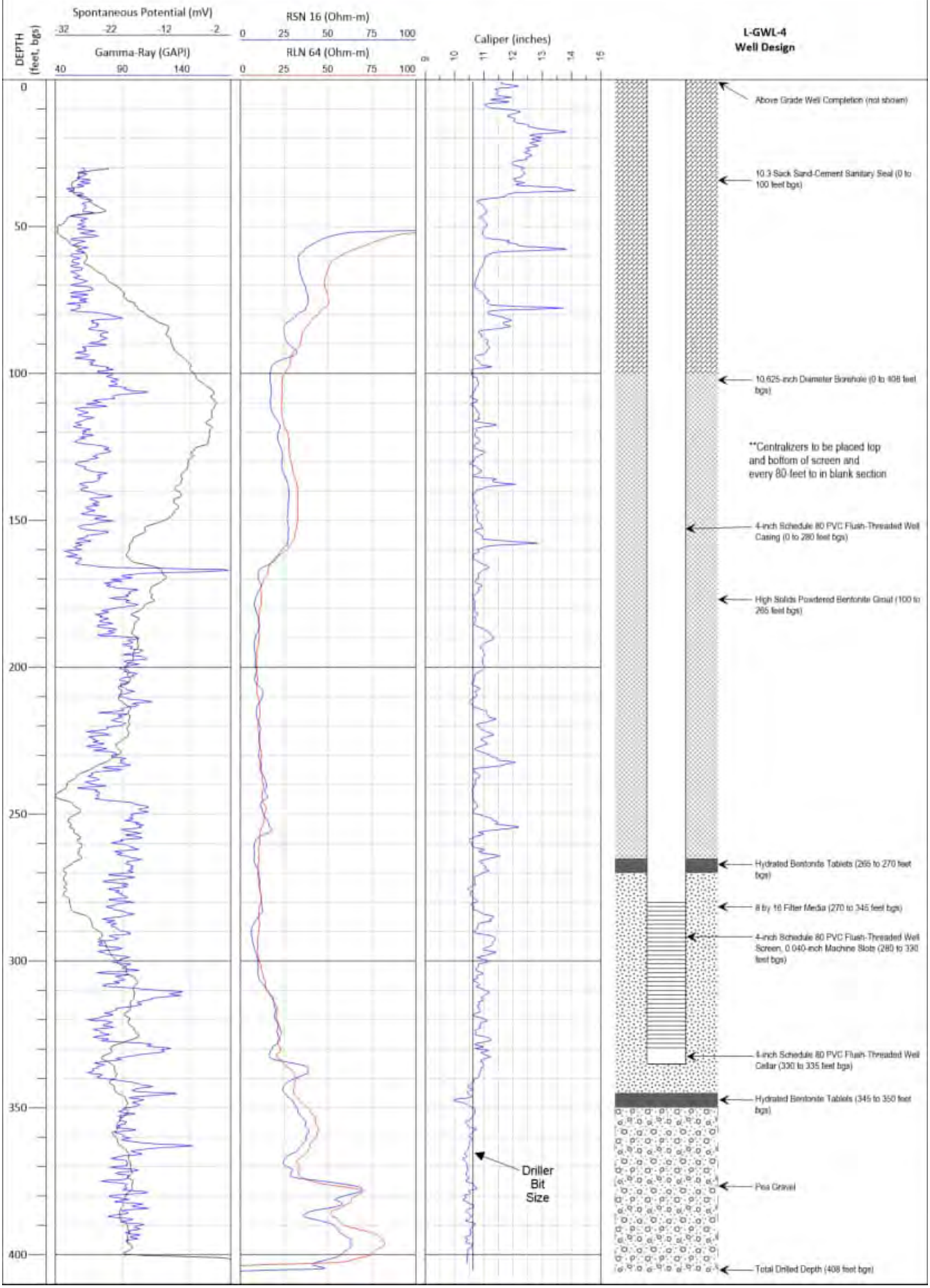


L-GWL-4 Well Design - FINAL FOR CONSTRUCTION

MONTGOMERY & ASSOCIATES

June 2, 2025

Client: Salinas Valley Basin GSA
Driller: Bradley & Son's, Inc.
Method: Direct Mud Rotary



ES-ISW-1 Well Design - FINAL FOR CONSTRUCTION

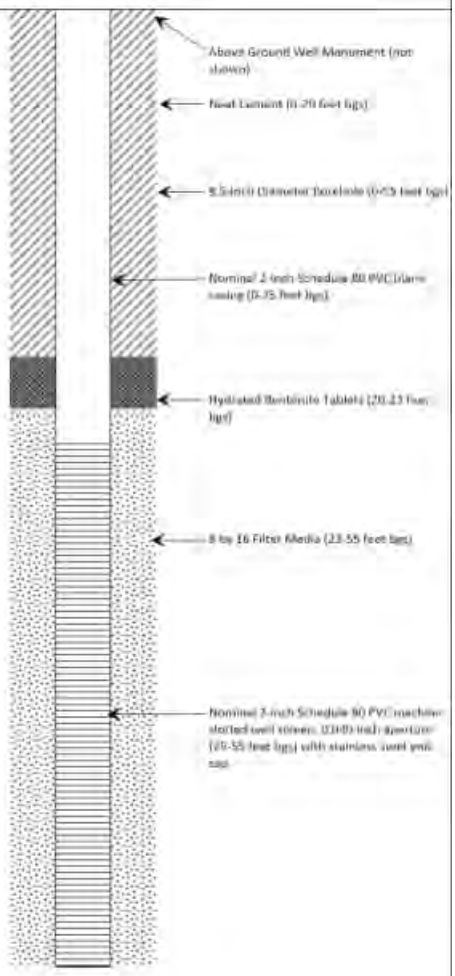
MONTGOMERY & ASSOCIATES

October 23, 2025

Client: Salinas Valley Basin GSA
Driller: Bradley & Son's, Inc.
Method: Hollow Stem Auger

DEPTH (feet, bgs)	Interpreted Borehole Lithology	
0	Silty Sand	Topsoil: Silty Sand, dark grey, very fine-grained, damp
5	Silty Sand	Silty Sand: reddish brown, very fine to coarse-grained, poorly sorted, with traces of silt and clay, damp
10		
15	Sand	Sand: reddish brown, very fine to coarse-grained, poorly sorted, angular to sub-rounded, damp to moist
20		
25	Sand	Sand: light brown, very fine to coarse-grained, poorly sorted, angular to sub-rounded, with traces of gravel, dry to damp
30	Sand	Sand: light brown, very fine to coarse-grained, poorly sorted, angular to sub-rounded, dry to damp
35	Clay	Clay: dark brown, firm, with traces of silt, sand, and gravel, damp
40	Sand	Sand: dark brown, fine to medium-grained, poorly sorted, angular to sub-angular, with traces silt, damp
45	Sand	Sand: dark brown, very fine to fine-grained, well sorted, with traces silt, damp
50	Sand	Sand: light brown to grey, fine to coarse-grained, angular decomposed granite
55		TD = 55 feet bgs @ 11:52 10/23/2025
60		
65		
70		
75		
80		
85		
90		
95		
100		

ES-ISW-1 Well Design

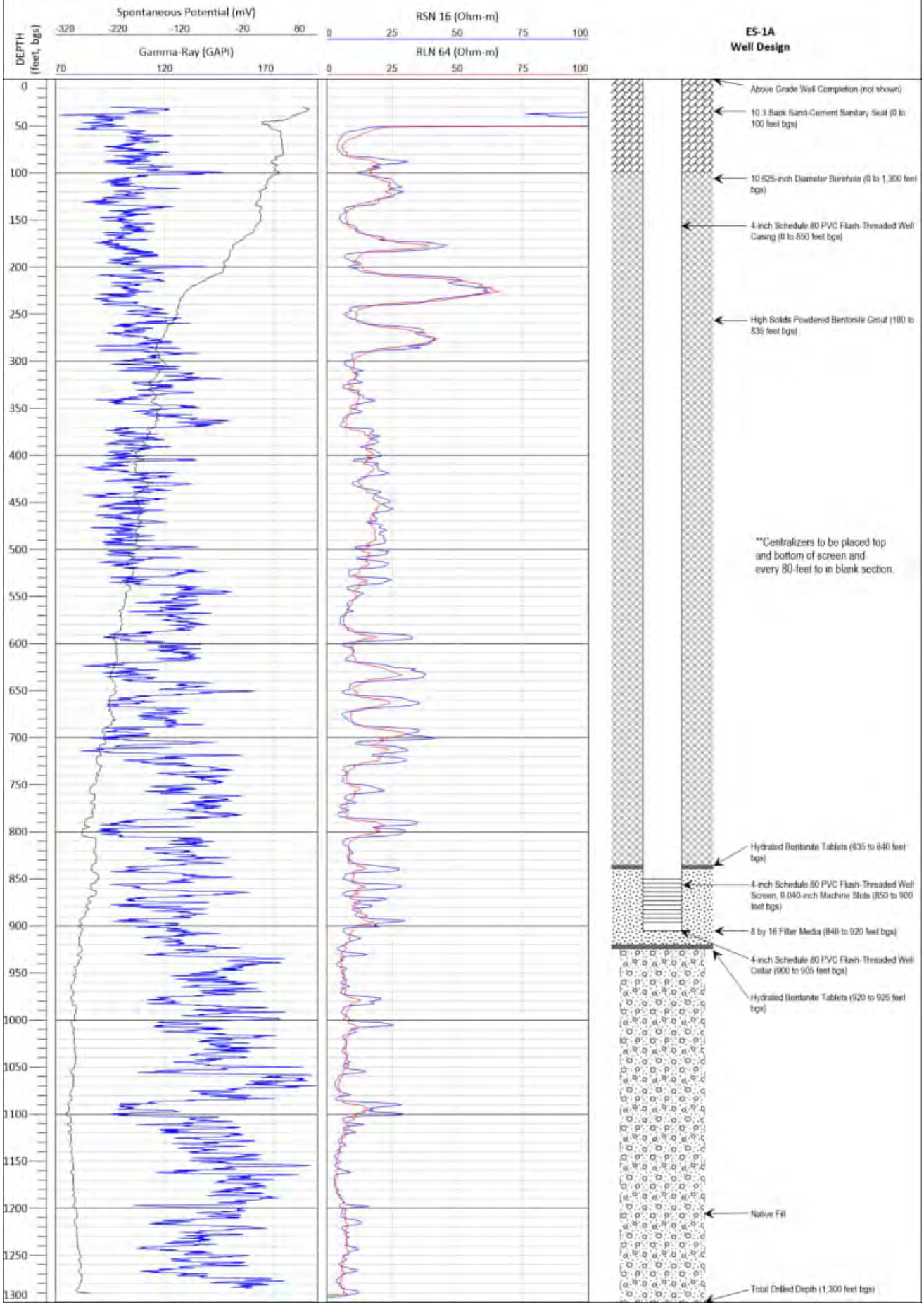


ES-1A Well Design - FINAL FOR CONSTRUCTION

MONTGOMERY & ASSOCIATES

June 17, 2025

Client: Salinas Valley Basin GSA
Driller: Bradley & Son's, Inc.
Method: Direct Mud Rotary

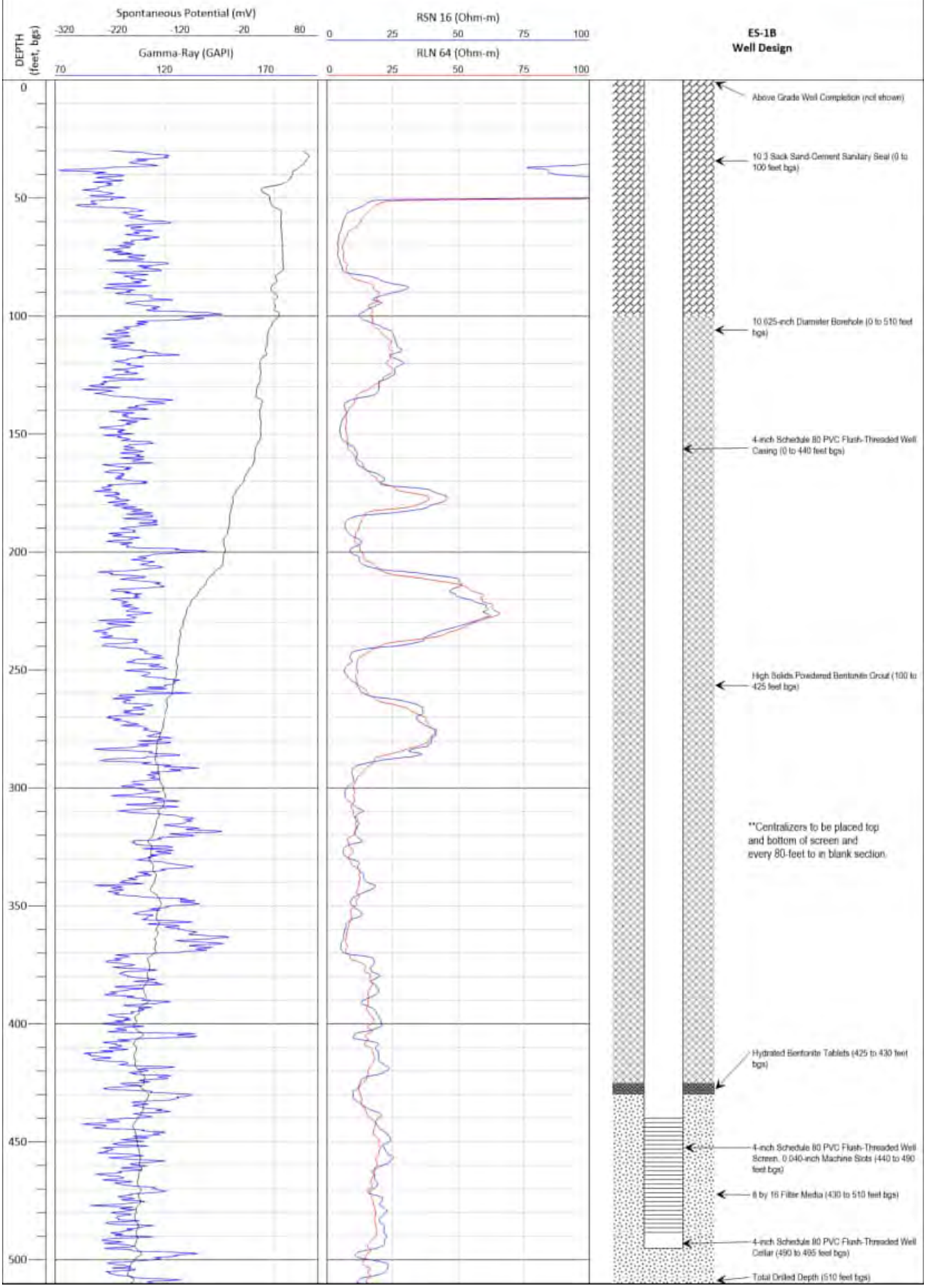


ES-1B Well Design - FINAL FOR CONSTRUCTION

MONTGOMERY & ASSOCIATES

June 17, 2025

Client: Salinas Valley Basin GSA
Driller: Bradley & Son's, Inc.
Method: Direct Mud Rotary

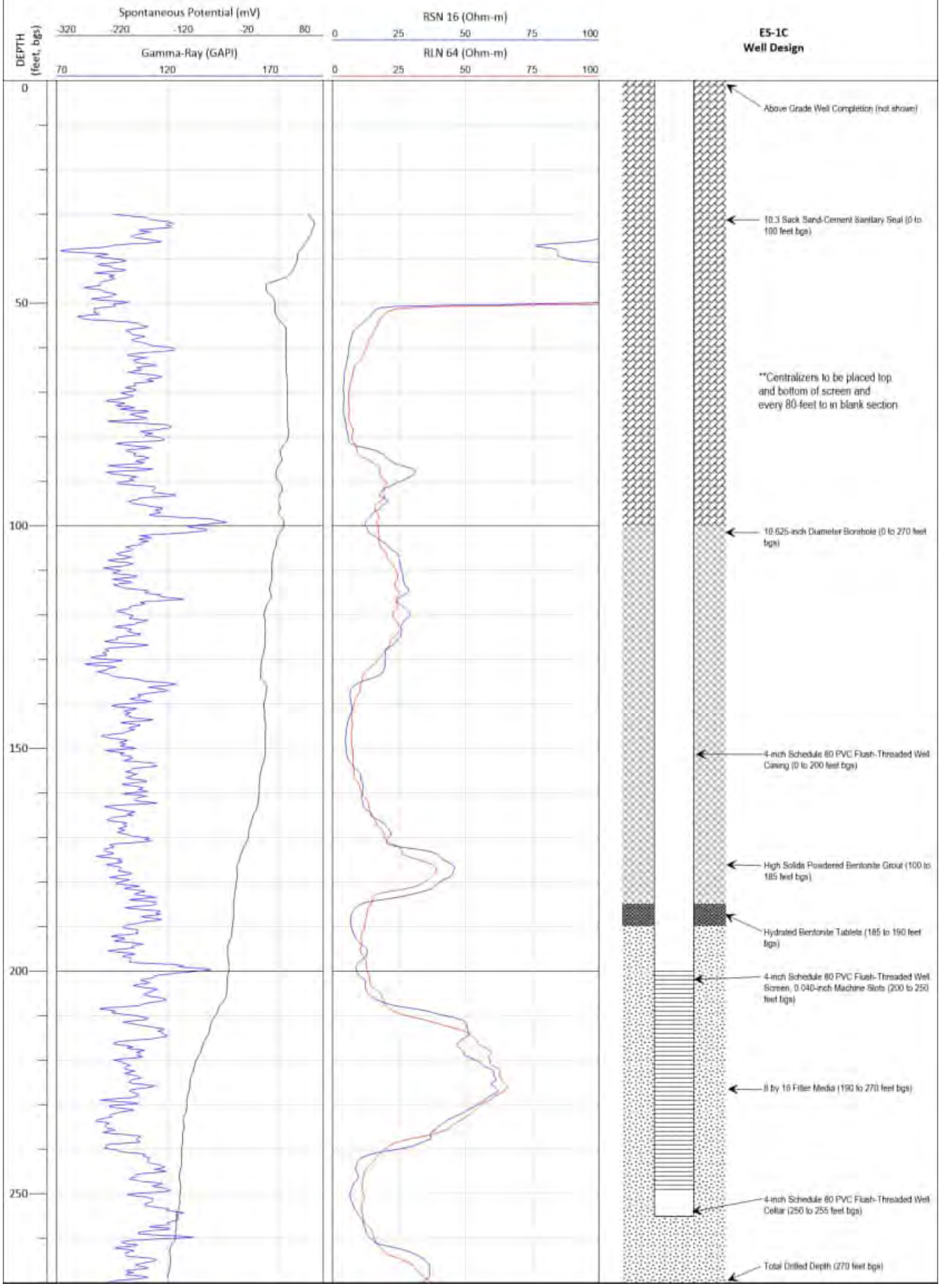


ES-1C Well Design - FINAL FOR CONSTRUCTION

MONTGOMERY & ASSOCIATES

June 17, 2025

Client: Salinas Valley Basin GSA
Driller: Bradley & Son's, Inc.
Method: Direct Mud Rotary



F-ISW-3 Well Design – FINAL FOR CONSTRUCTION

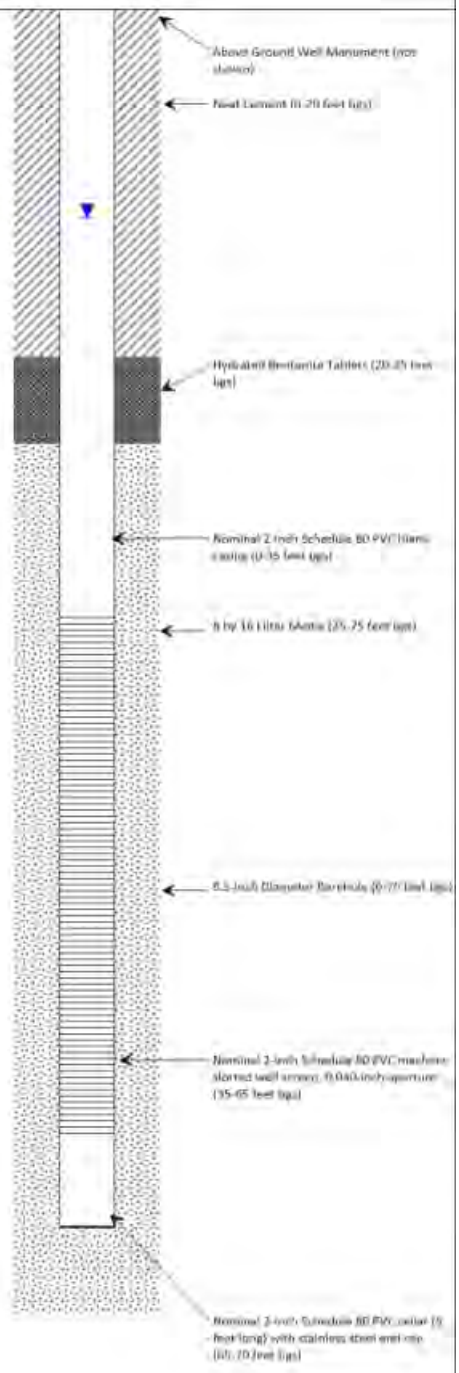
MONTGOMERY & ASSOCIATES

October 20, 2025

Client: Salinas Valley Basin GSA
Driller: Bradley & Son's, Inc.
Method: Hollow Stem Auger

DEPTH (feet, bgs)	Interpreted Borehole Lithology	
0	Sand with Gravel	Topsoil/Concrete Apron: Light brown to grey, fine-grained to coarse grained, poorly sorted
5	Sand	Sand: Light brown, very fine to fine-grained, well sorted, loose, sub-rounded to rounded, moist to wet
10		
15		
20	Sand	Sand: Brown, fine to medium-grained, moderately well sorted, angular to sub-rounded, traces silt and angular coarse grained sand, wet
25		
30		
35		
40		
45		
50		
55		
60		
65		
70		
75		TD = 75 feet bgs @ 11:18 10/20/2025
80		
85		
90		
95		
100		

F-ISW-3
Well Design

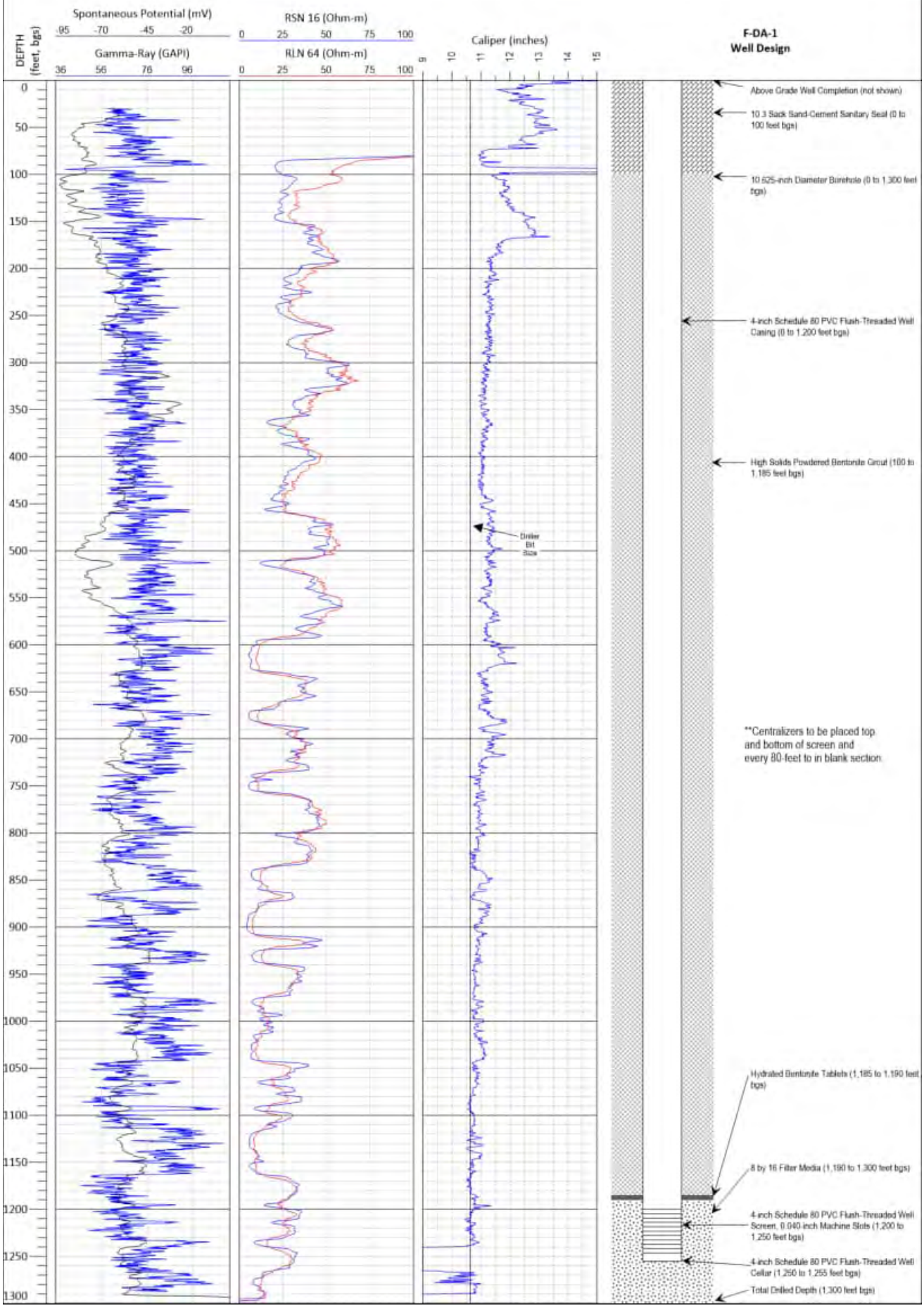


F-DA-1 Well Design - FINAL FOR CONSTRUCTION

MONTGOMERY & ASSOCIATES

Client: Salinas Valley Basin GSA
Driller: Bradley & Son's, Inc.
Method: Direct Mud Rotary

September 14, 2025

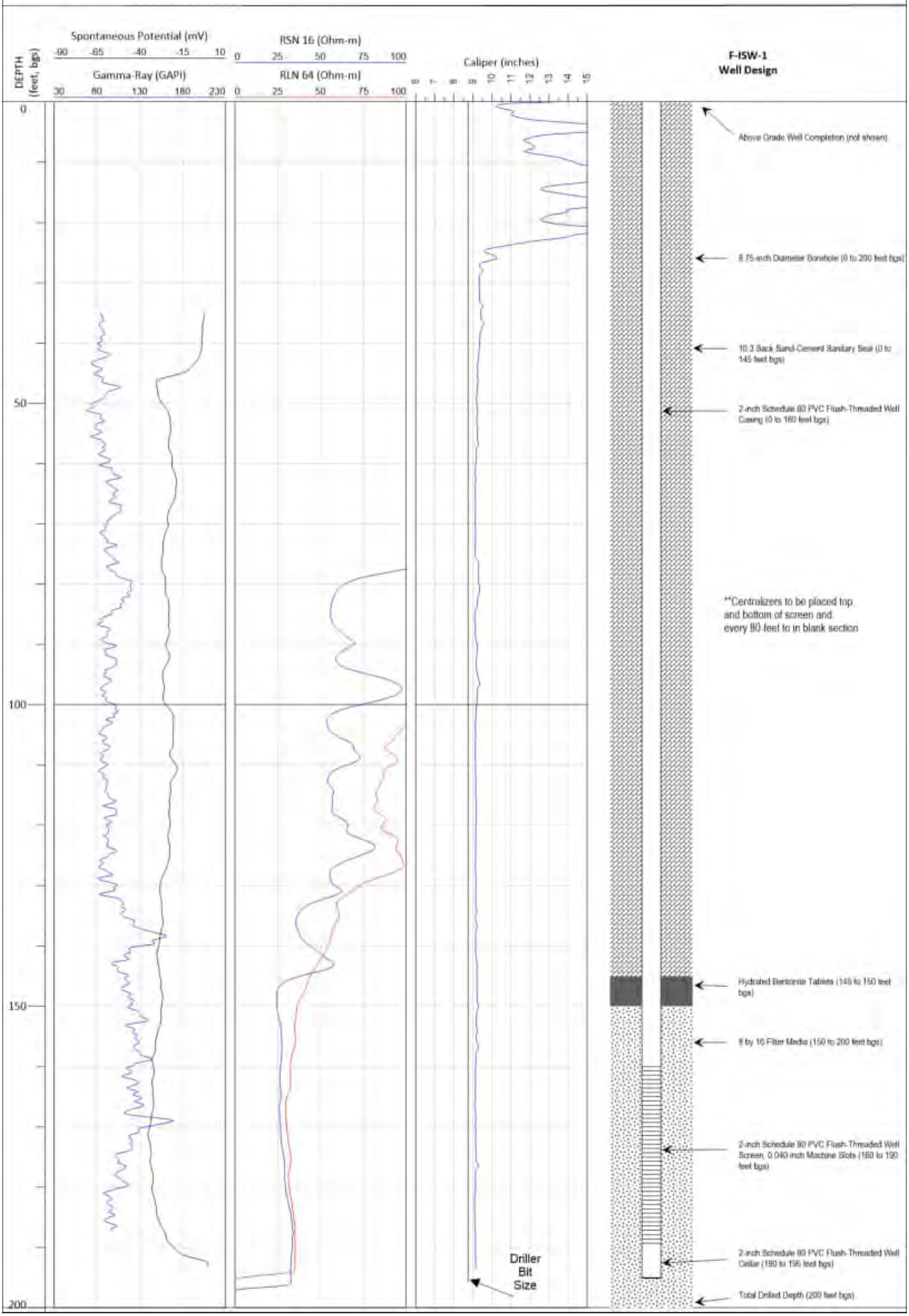


F-ISW-1 Well Design - FINAL FOR CONSTRUCTION

MONTGOMERY & ASSOCIATES

August 14, 2025

Client: Salinas Valley Basin GSA
Driller: Bradley & Son's, Inc.
Method: Direct Mud Rotary



F-ISW-2 Well Design - FINAL FOR CONSTRUCTION

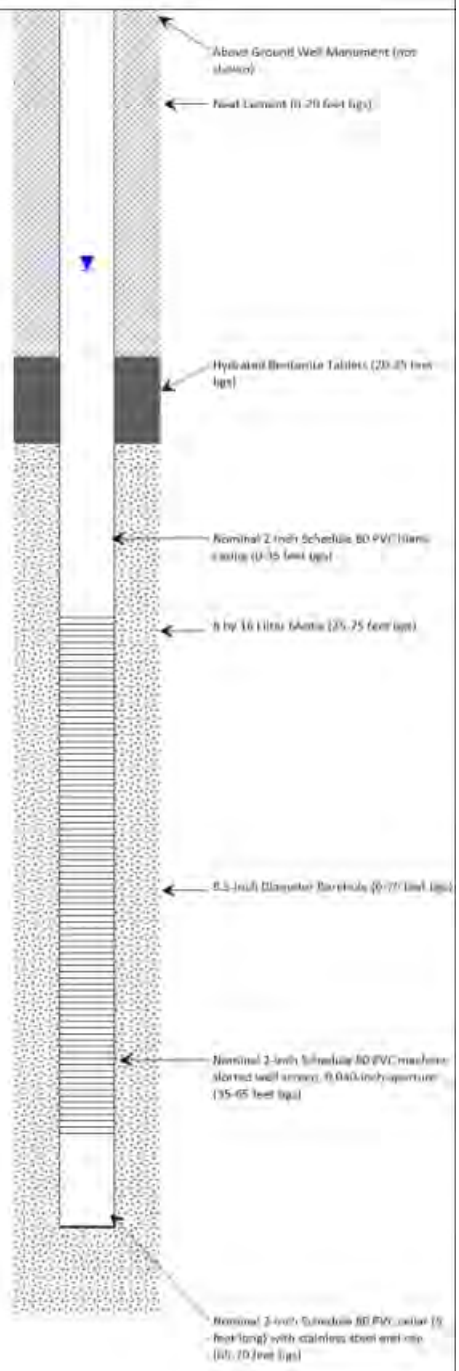
MONTGOMERY & ASSOCIATES

October 21, 2025

Client: Salinas Valley Basin GSA
Driller: Bradley & Son's, Inc.
Method: Hollow Stem Auger

DEPTH (feet, bgs)		Interpreted Borehole Lithology
0	Sand with Gravel	Topsoil: Silt, brown, with minor gravel and sand, loose, dry
	Silt	Silt: brown, with traces of fine-grained sand, loose, dry-damp
5	Silt	Silt: dark brown, with traces of clay and fine to coarse-grained sand, firm, damp
10	Sandy Clay	Sandy Clay: dark grey to brown, with fine to coarse-grained sand interbeds, firm, damp
15	Sand	Sand: Light brown, fine to coarse-grained, moderately to poorly sorted, angular to sub-rounded, with dark brown clay interbeds up to 4-inches thick
20	Sand	Sand: Light brown, fine to coarse-grained, poorly sorted, angular to sub-rounded, with trace clay interbeds and gravel
25		
30		
35		
40		
45		
50	Sand	Sand: Light brown, fine to coarse-grained, poorly sorted, angular to sub-rounded, with 4-inch bluish-grey clay interbed and gravel
55		
60	Sand	Sand: Light brown, fine to coarse-grained, poorly sorted, angular to sub-rounded, with trace clay interbeds and gravel
65		
70		
75		TD = 75 feet bgs @ 13:48 10/21/2025
80		
85		
90		
95		
100		

F-ISW-2
Well Design



UV-ISW-2 Well Design - FINAL FOR CONSTRUCTION

MONTGOMERY & ASSOCIATES

October 23, 2025

Client: Salinas Valley Basin GSA
Driller: Bradley & Son's, Inc.
Method: Hollow Stem Auger

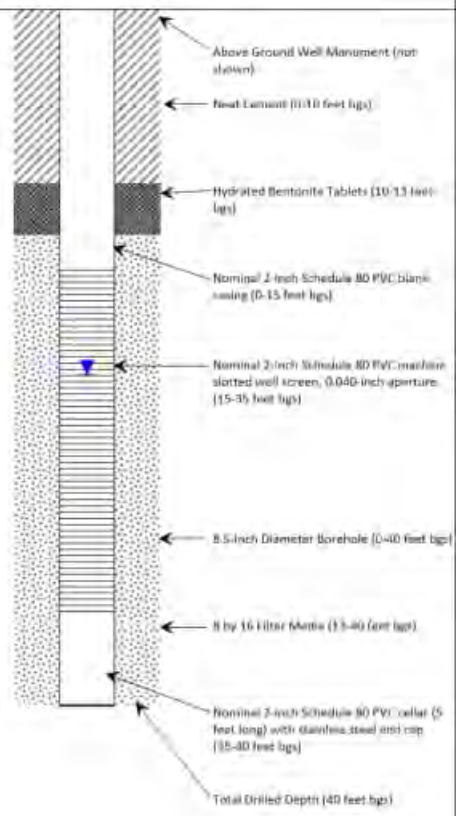
DEPTH (feet, bgs)

Interpreted Borehole Lithology

Sand with Gravel	Fill: Sand, light brown, fine to medium-grained, with angular gravel and silt
Sand	Sand: dark brown, very fine-grained, well sorted, with traces silt, damp
Sand	Sand: dark brown, very fine-grained, well sorted, with traces silt, clay and gravel, damp
Silty Sand	Silty Sand: brown, very fine-grained, with silt and gravel, damp
Silty Sand	Silty Sand: grey, very fine-grained, with silt, moist
Sand with Gravel	Sand with Gravel: brown, fine to coarse-grained, poorly sorted, angular to sub-rounded, wet
Silty Clay	Silty Clay: brown, firm, with minor very fine-grained sand
Sand with Gravel	Sand with Gravel: light brown, fine to coarse-grained, poorly sorted, angular to sub-rounded
Sand with Gravel	Sand with Gravel: light brown, fine to coarse-grained, with traces silt and clay, poorly sorted, angular to sub-rounded
	TD = 75 feet bgs @ 11:45 10/22/2025

Note: Lithology is from first borehole located 5 feet to the south.

UV-ISW-2 Well Design

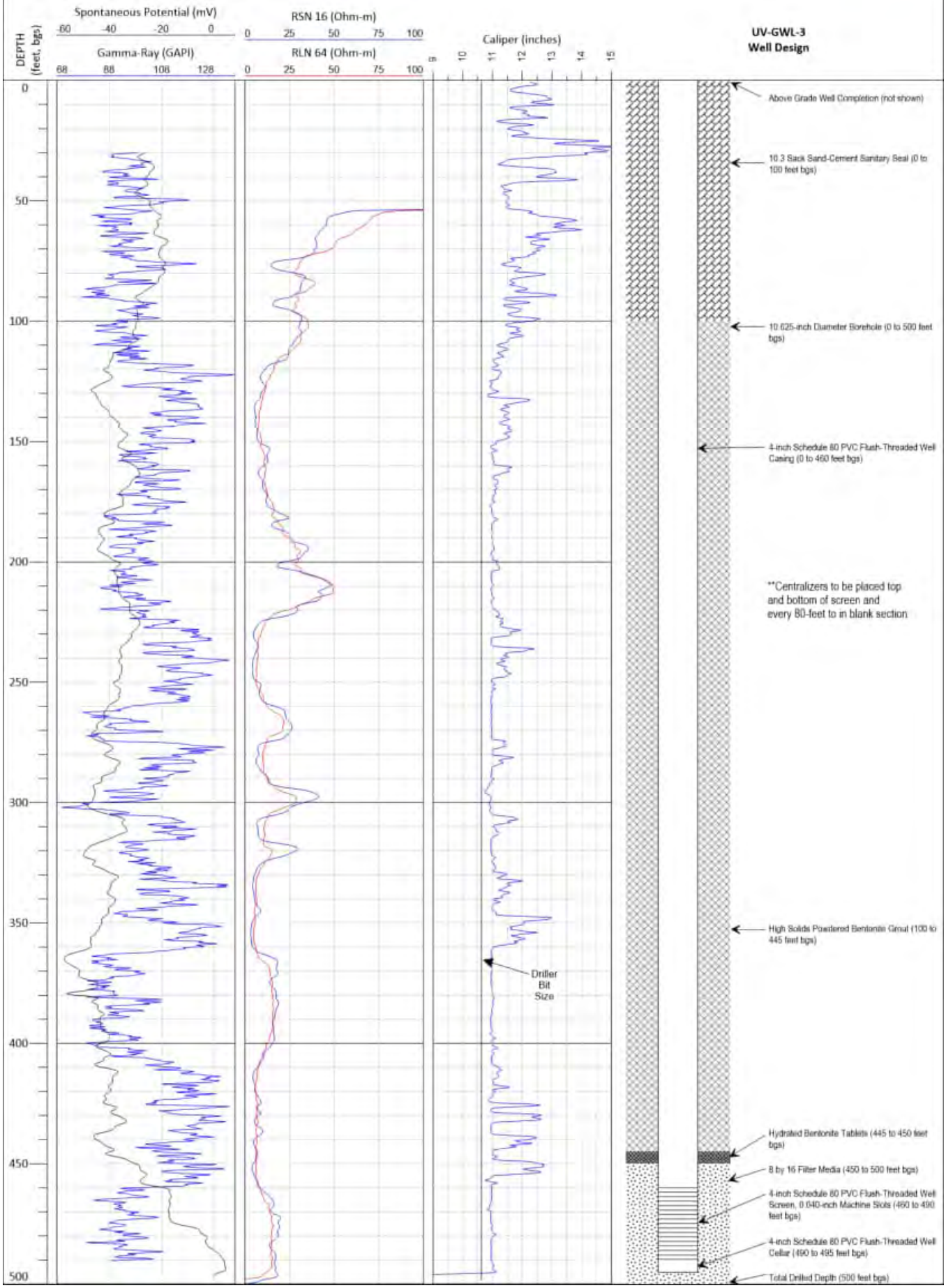


UV-GWL-3 Well Design - FINAL FOR CONSTRUCTION

MONTGOMERY & ASSOCIATES

Client: Salinas Valley Basin GSA
Driller: Bradley & Son's, Inc.
Method: Direct Mud Rotary

October 1, 2025

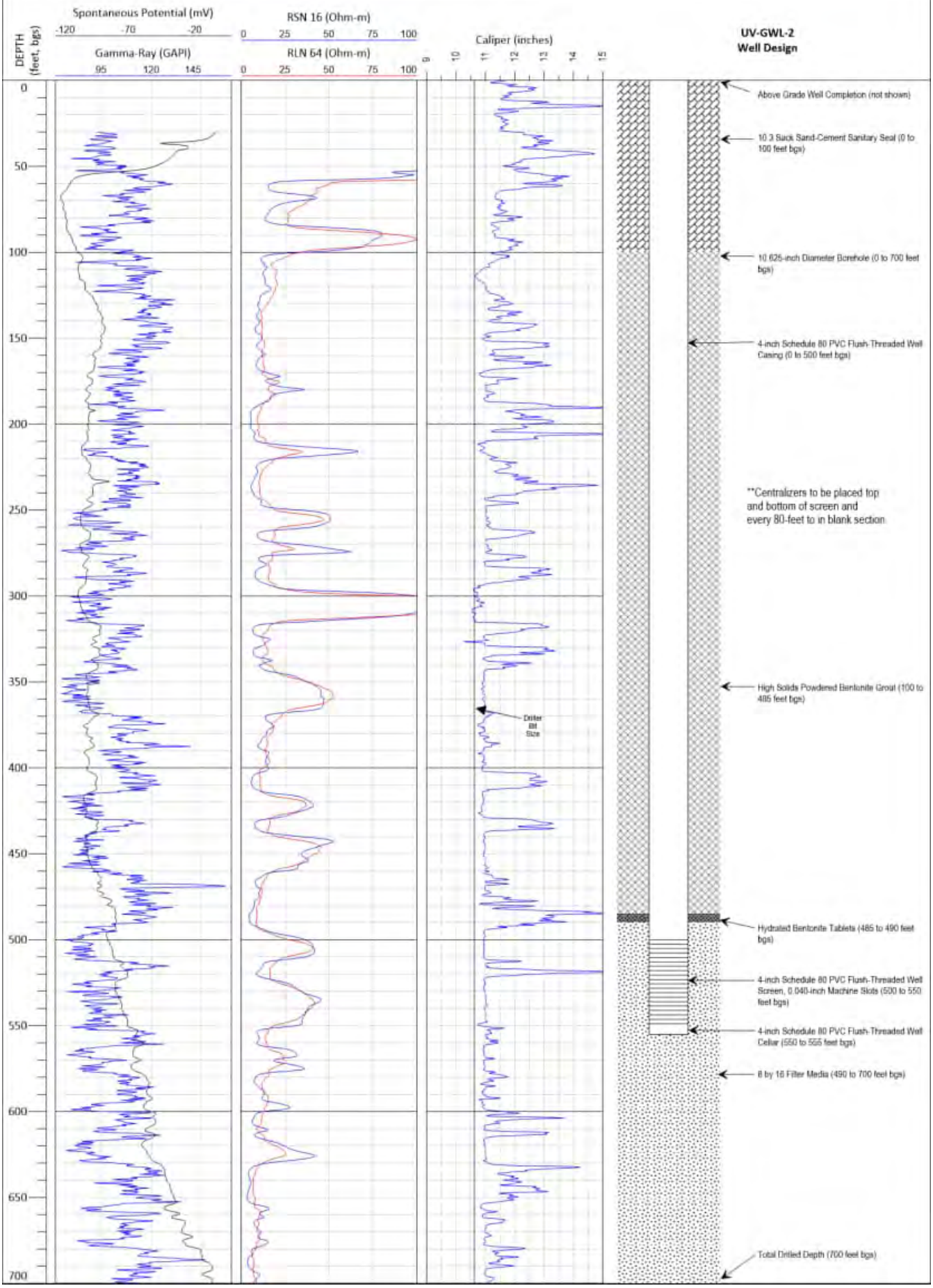


UV-GWL-2 Well Design - FINAL FOR CONSTRUCTION

MONTGOMERY & ASSOCIATES

Client: Salinas Valley Basin GSA
Driller: Bradley & Son's, Inc.
Method: Direct Mud Rotary

October 17, 2025



State of California

Well Completion Report

Form DWR 188 Submitted 07/03/2025

WCR2025-006835

Owner's Well Number: ES-1A **Date Work Began:** 06/09/2025 **Date Work Ended:** 06/19/2025

Local Permit Agency: Environmental Health Services of Monterey County **County:** Monterey

Secondary Permit Agency: **Permit Number:** 25-000498 **Permit Date:** 05/29/2025

Well Owner (must remain confidential pursuant to Water Code 13752)

Name: CITY OF SALINAS PUBLIC WORKS

Address: 65 WEST ALISAL ST

City: SALINAS **State:** California **Zip:** 93901

Planned Use and Activity

Activity: New Production or Monitoring Well

Planned Use: Monitoring

Well Location

Address: 10 SHERWOOD PL

City: SALINAS **Zip:** 93906

APN:

Township: 14S **Range:** 03E

Section: 28 **BM:** Mount Diablo

Latitude: 36 Deg. 41 Min. 9.0168 Sec. N **Longitude:** -121 Deg. 38 Min. 50.6832 Sec. W

Dec. Lat. : 36.685838 **Dec. Long. :** -121.647412

Ground Surface Elevation:

Vertical Datum: **Horizontal Datum:**

Elevation Accuracy:

Location Accuracy: **Location Determination Method:**

Elevation Determination Method:

Borehole Information

Orientation: Vertical **# of casings (Specify):** 1

Drilling Method: Direct Rotary **Drilling Fluid:** Bentonite

Total Depth of Boring: 1300 Feet

Total Depth of Completed Well: 905 Feet

Water Level and Yield of Completed Well

Depth to first water: (Feet below surface)

Depth to Static Water Level: (Feet)

Date Measured:

Estimated Yield*: (GPM) **Test Type:**

Test Length*: (Hours) **Total Drawdown:** (Feet)

*May not be representative of a well's long term yield.

Geologic Log - Free Form

Depth from Surface (Feet to Feet)		Description
0	40	DARK BROWN, BLACK CLAY
40	80	FINE MEDIM LARGE SAND, LIGHT BROWN CLAY
80	100	CLAY
100	120	MIX SAND & CLAY
120	140	MIX SAND
140	240	MIX SAND, CLAY TRACES

Depth from Surface (Feet to Feet)		Description
240	260	MIX SAND, SMALL STONE & CLAY
260	320	MIX SAND, PEA GRAVEL, CLAY TRACE%
320	360	CLAY, MEDIUM SAND
360	380	MUSHY CLAY, SAND, HARD CLAY
380	420	HARD CLAY, PEA GRAVEL MIX SAND
420	440	MIX SAND, CLAY
440	460	MIX SAND, PEA GRAVEL, CLAY
460	500	MIX SAND, MEDIUM GRAVEL
500	520	MIX SAND, PEA GRAVEL, CLAY
520	560	SOFT BROWN CLAY, MIX SAND, PEA GRAVEL
560	620	SOFT MUSHY CLAY, MIX SAND, PEA GRAVEL
620	680	SOFT STICKY LIGHT BROWN CLAY, FINE MEDIUM SAND
680	740	MIX SAND, STICKY LIGHT BROWN CLAY
740	820	MOSTLY CLAY, MIX SAND
820	900	MIX CLAY, FINE MEDIUM SAND
900	980	CLAY MIX FINE MEDIUM SAND
980	1040	MIX CLAY, FINE MEDIUM SAND STREAKS
1040	1120	MIX CLAY, FINE MEDIUM LARGE SAND, PEA GRAVEL
1120	1200	CLAY, FINE MEDIUM LARGE SAND
1200	1220	CLAY, MIX SAND, SMALL ROCK
1220	1300	MIX SAND, CLAY

Casings

Casing #	Depth from Surface (Feet to Feet)		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	850	Blank	PVC	Other	0.337	4			SCH 80
1	850	900	Screen	PVC	Other	0.337	4	Milled Slots	0.04	SCH 80
1	900	905	Blank	PVC	Other	0.337	4			SCH 80

Annular Material

Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	100	Cement	10.3 Sack Mix		SAND CEMENT
100	835	Other Fill	See description		GROUT
835	840	Other Fill	See description		HOLE PLUG
840	920	Filter Pack	Other Gravel Pack	#8	SAND
920	925	Other Fill	See description		HOLE PLUG

Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
925	1300	Other Fill	See description		NATIVE FILL

Other Observations:

Borehole Specifications

Depth from Surface (Feet to Feet)		Borehole Diameter (inches)
0	940	10.625
940	1300	8.75

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

Name: BRADLEY & SONS INC
Person, Firm or Corporation

3625 SOUTH HIGHLAND	DEL REY	California	93616
Address	City	State	Zip

Signed: electronic signature received — C-57 Licensed Water Well Contractor
07/03/2025 — Date Signed
414178 — License Number

DWR Use Only

CSG #	State Well Number						Site Code	Local Well Number				
						N						W

Latitude Deg/Min/Sec — Longitude Deg/Min/Sec

TRS:

APN:

Attachments

No Attachments

State of California

Well Completion Report

Form DWR 188 Submitted 07/03/2025

WCR2025-006837

Owner's Well Number: ES-1B **Date Work Began:** 06/23/2025 **Date Work Ended:** 06/27/2025

Local Permit Agency: Environmental Health Services of Monterey County **County:** Monterey

Secondary Permit Agency: **Permit Number:** 25-000497 **Permit Date:** 05/29/2025

Well Owner (must remain confidential pursuant to Water Code 13752)

Name: SALINAS VALLEY BASIN GROUNDWATER SUSTAINABILITY AGENCY

Address: 63 WEST ALISAL ST

City: SALINAS **State:** California **Zip:** 93901

Planned Use and Activity

Activity: New Production or Monitoring Well

Planned Use: Monitoring

Well Location

Address: 10 SHEERWOOD PL

City: SALINAS **Zip:** 93906

Latitude: 36 Deg. 41 Min. 8.5596 Sec. N **Longitude:** -121 Deg. 38 Min. 50.5104 Sec. W

Dec. Lat.: 36.685711 **Dec. Long.:** -121.647364

Vertical Datum: **Horizontal Datum:**

Location Accuracy: **Location Determination Method:**

APN:

Township: 14S **Range:** 03E

Section: 28 **BM:** Mount Diablo

Ground Surface Elevation:

Elevation Accuracy:

Elevation Determination Method:

Borehole Information

Orientation: Vertical **# of casings (Specify):** 1

Drilling Method: Direct Rotary **Drilling Fluid:** Bentonite

Total Depth of Boring: 510 Feet

Total Depth of Completed Well: 495 Feet

Water Level and Yield of Completed Well

Depth to first water: (Feet below surface)

Depth to Static Water Level: (Feet)

Date Measured:

Estimated Yield*: (GPM) **Test Type:**

Test Length*: (Hours) **Total Drawdown:** (Feet)

*May not be representative of a well's long term yield.

Geologic Log - Free Form

Depth from Surface (Feet to Feet)		Description
0	20	DARK BROWN BLACK CLAY, MIX SAND
20	60	FINE MEDIUM LARGE SAND, BROWN CLAY
60	80	BLUE GRAY CLAY, SMALL STONE, MIX SAND, CLAY TUBE
80	120	BLUE GRAY CLAY MIX FINE MEDIUM LARGE GRAVEL
120	180	BROWN & BLUE GRAY CLAY, MIX SAND
180	220	BLUE GRAY CLAY, SAND STREAKS

Depth from Surface (Feet to Feet)		Description
220	260	MIX SAND, CLAY, PEA GRAVEL, SMALL STONE
260	280	BLUE GRAY CLAY, SMALL STONE, MIX SAND
280	300	MIX GRAVEL, SMALL STONE, PEA GRAVEL
300	340	BROWN CLAY MIX MEDIUM SAND, PEA GRAVEL
340	400	BROWN CLAY, MIX FINE MEDIUM SAND
400	460	BROWN BLUE GRAY CLAY,MIX FINE MEDIUM SAND
460	510	MIX SAND, CLAY, PEA GRAVEL

Casings

Casing #	Depth from Surface (Feet to Feet)		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	440	Blank	PVC	Other	0.337	4			SCH 80
1	440	490	Screen	PVC	Other	0.337	4	Milled Slots	0.04	SCH 80
1	490	495	Blank	PVC	Other	0.337	4			SCH 80

Annular Material

Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	100	Cement	10.3 Sack Mix		SAND CEMENT
100	417	Other Fill	See description		GROUT
417	424	Other Fill	See description		HOLE PLUG
424	500	Filter Pack	Other Gravel Pack	#8	SAND
500	510	Other Fill	See description		NATIVE FILL

Other Observations:

Borehole Specifications

Depth from Surface (Feet to Feet)		Borehole Diameter (inches)
0	510	10.625

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

Name: BRADLEY & SONS INC
Person, Firm or Corporation

3625 SOUTH HIGHLAND	DEL REY	California	93616
Address	City	State	Zip

Signed: electronic signature received — C-57 Licensed Water Well Contractor
07/03/2025 — Date Signed
414178 — License Number

DWR Use Only

CSG #	State Well Number	Site Code	Local Well Number

				N	
Latitude Deg/Min/Sec					

				W	
Longitude Deg/Min/Sec					

TRS:

APN:

Attachments

No Attachments

State of California

Well Completion Report

Form DWR 188 Submitted 07/03/2025

WCR2025-006832

Owner's Well Number: LGWL-4 **Date Work Began:** 05/27/2025 **Date Work Ended:** 06/05/2025

Local Permit Agency: Environmental Health Services of Monterey County **County:** Monterey

Secondary Permit Agency: **Permit Number:** 25-000487 **Permit Date:** 05/23/2025

Well Owner (must remain confidential pursuant to Water Code 13752)

Name: COUNTY ROAD EASEMENT

Address: P.O. BOX 1350

City: CARMEL VALLEY **State:** California **Zip:** 93924

Planned Use and Activity

Activity: New Production or Monitoring Well

Planned Use: Monitoring

Well Location

Address: 6241 ECHO VALLEY CT

City: SALINAS **Zip:** 93907

Latitude: 36 Deg. 49 Min. 18.94548 Sec. N

Longitude: -121 Deg. 37 Min. 52.34808 Sec. W

Dec. Lat. : 36.8219293

Dec. Long. : -121.6312078

Vertical Datum:

Horizontal Datum:

Location Accuracy:

Location Determination Method:

APN:

Township: 13S **Range:** 03E

Section: 10 **BM:** Mount Diablo

Ground Surface Elevation:

Elevation Accuracy:

Elevation Determination Method:

Borehole Information

Orientation: Vertical **# of casings (Specify):** 1

Drilling Method: Direct Rotary **Drilling Fluid:** Bentonite

Total Depth of Boring: 410 Feet

Total Depth of Completed Well: 335 Feet

Water Level and Yield of Completed Well

Depth to first water: (Feet below surface)

Depth to Static Water Level: (Feet)

Date Measured:

Estimated Yield*: (GPM) **Test Type:**

Test Length*: (Hours) **Total Drawdown:** (Feet)

***May not be representative of a well's long term yield.**

Geologic Log - Free Form

Depth from Surface (Feet to Feet)		Description
0	20	CLAY MIX LARGE PEA GRAVEL, SMALL SAND, MIX SAND
0	60	CLAY MIX FINE MEDIUM SAND, SMALL PEA GRAVEL
60	80	MEDIUM FINE SAND, CLAY
80	140	RED BROWN CLAY, FINE MEDIUM SAND

Depth from Surface (Feet to Feet)		Description
140	240	MEDIUM SAND, CLAY TRACES
240	260	FINE MEDIUM LARGE SAND, BLUE GRAY CLAY
260	280	MIX SAND, BLUE GRAY CLAY
280	300	CLAY, SAND
300	320	BROWN BLUE GRAY CLAY, FINE MEDIUM COARSE SAND
320	360	WHITE GRAY CLAY, MIX FINE MEDIUM SAND, DECOMPOSED GRANITE
360	410	DECOMPOSED GRANITE

Casings

Casing #	Depth from Surface (Feet to Feet)		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (Inches)	Description
1	0	280	Blank	PVC	Other	0.337	4			SCH 80
1	280	330	Screen	PVC	Other	0.337	4	Milled Slots	0.04	SCH 80
1	330	335	Blank	PVC	Other	0.337	4			SCH 80

Annular Material

Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	100	Cement	10.3 Sack Mix		SAND CEMENT
100	265	Other Fill	See description		GROUT
265	270	Filter Pack	Other Gravel Pack	#8	SAND
270	345	Other Fill	See description		HOLE PLUG
345	410	Filter Pack	Other Gravel Pack	#8	SAND

Other Observations:

Borehole Specifications

Depth from Surface (Feet to Feet)		Borehole Diameter (inches)
0	410	10.625

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

Name: BRADLEY & SONS INC
(Person, Firm or Corporation)

3625 SOUTH HIGHLAND	DEL REY	California	93616
Address	City	State	Zip

Signed: electronic signature received — C-57 Licensed Water Well Contractor
07/03/2025 — Date Signed
414178 — License Number

DWR Use Only

CSG #	State Well Number	Site Code	Local Well Number

				N

Latitude Deg/Min/Sec

				W

Longitude Deg/Min/Sec

TRS:

APN:

Attachments

No Attachments

State of California

Well Completion Report

Form DWR 188 Submitted 07/25/2025

WCR2025-007570

Owner's Well Number: ES-1C **Date Work Began:** 07/07/2025 **Date Work Ended:** 07/11/2025

Local Permit Agency: Environmental Health Services of Monterey County **County:** Monterey

Secondary Permit Agency: **Permit Number:** 25-000496 **Permit Date:** 05/29/2025

Well Owner (must remain confidential pursuant to Water Code 13752)	Planned Use and Activity
Name: CITY OF SALINAS PUBLIC WORKS	**Activity:** New Production or Monitoring Well
Address: 65 WEST ALISAL ST.	**Planned Use:** Monitoring
City: SALINAS **State:** California **Zip:** 93901	

Well Location

Address:

City: **Zip:**

Latitude: 36 Deg. 41 Min. 8.1348 Sec. N

Dec. Lat. : 36.685593

Vertical Datum:

Location Accuracy:

Longitude: -121 Deg. 38 Min. 50.9568 Sec. W

Dec. Long. : -121.647488

Horizontal Datum:

Location Determination Method:

APN: NOT AVALABLE

Township: 14S **Range:** 03E

Section: 28 **BM:** Mount Diablo

Ground Surface Elevation:

Elevation Accuracy:

Elevation Determination Method:

Borehole Information

Orientation: Vertical **# of casings (Specify):** 1

Drilling Method: Direct Rotary **Drilling Fluid:** Bentonite

Total Depth of Boring: 270 Feet

Total Depth of Completed Well: 255 Feet

Water Level and Yield of Completed Well

Depth to first water: (Feet below surface)

Depth to Static Water Level: (Feet)

Date Measured:

Estimated Yield*: (GPM) **Test Type:**

Test Length*: (Hours) **Total Drawdown:** (Feet)

***May not be representative of a well's long term yield.**

Geologic Log - Free Form

Depth from Surface (Feet to Feet)		Description
0	20	DARK BROWN BLACK CLAY MIX SAND
20	60	FINE MEDIUM LARGE SAND, BROWN CLAY
60	80	BLUE CLAY w/ GRAY CLAY STREAKS, MIX SAND
80	120	BLUE GRAY CLAY MIX FINE MEDIUM LARGE SAND
120	180	BROWN & BLUE GRAY CLAY MIX SAND
180	220	BLUE GRAY CLAY w/ STREAKS MIX SAND

Depth from Surface (Feet to Feet)		Description
220	260	MIX SAND w/ CLAY, PEA GRAVEL & SMALL STREAKS
260	270	BLUE GRAY CLAY MIX SMALL STONE, MIX SAND

Casings

Casing #	Depth from Surface (Feet to Feet)		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	200	Blank	PVC	Other	0.337	4			SCH 80
1	200	250	Screen	PVC	Other	0.337	4	Milled Slots	0.04	SCH 80
1	250	255	Blank	PVC	Other	0.337	4			SCH 80

Annular Material

Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	185	Cement	10.3 Sack Mix		CONCRETE
185	190	Bentonite	High Solids		
190	270	Filter Pack	8 x 16	#8	GRAVEL

Other Observations:

Borehole Specifications

Depth from Surface (Feet to Feet)		Borehole Diameter (inches)
0	270	10.625

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

Name: BRADLEY & SONS INC
Person, Firm or Corporation

3625 SOUTH HIGHLAND	DEL REY	California	93616
Address	City	State	Zip

Signed: electronic signature received — C-57 Licensed Water Well Contractor
07/25/2025 — Date Signed
414178 — License Number

DWR Use Only

CSG #	State Well Number	Site Code	Local Well Number

				N					W
Latitude Deg/Min/Sec					Longitude Deg/Min/Sec				

TRS:

APN:

Attachments
No Attachments

State of California

Well Completion Report

Form DWR 188 Submitted

WCR2025-010643

Owner's Well Number: ES-ISW-1 **Date Work Began:** 10/23/2025 **Date Work Ended:** 10/23/2025

Local Permit Agency: Environmental Health Services of Monterey County **County:** Monterey

Secondary Permit Agency: **Permit Number:** 26-000045 **Permit Date:** 07/28/2025

Well Owner (must remain confidential pursuant to Water Code 13752)

Name: COUNTY ROAD EASEMENT

Address: P.O. BOX 1350

City: CARMEL VALLEY **State:** California **Zip:** 93924

Planned Use and Activity

Activity: New Production or Monitoring Well

Planned Use: Monitoring

Well Location

Address: HERBERT RD

City: PRUNEDALE **Zip:** 93907

Latitude: 36 Deg. 45 Min. 25.0452 Sec. N

Dec. Lat. : 36.756957

Vertical Datum:

Location Accuracy:

Longitude: -121 Deg. 36 Min. 40.6584 Sec. W

Dec. Long. : -121.611294

Horizontal Datum:

Location Determination Method:

APN: 000-00-000

Township: 13S **Range:** 03E

Section: 35 **BM:** Mount Diablo

Ground Surface Elevation:

Elevation Accuracy:

Elevation Determination Method:

Borehole Information

Orientation: Vertical **# of casings (Specify):** 1

Drilling Method: Auger **Drilling Fluid:** Bentonite

Total Depth of Boring: 55 Feet

Total Depth of Completed Well: 55 Feet

Water Level and Yield of Completed Well

Depth to first water: (Feet below surface)

Depth to Static Water Level: (Feet)

Date Measured:

Estimated Yield*: (GPM) **Test Type:**

Test Length*: (Hours) **Total Drawdown:** (Feet)

***May not be representative of a well's long term yield.**

Geologic Log - Free Form

Depth from Surface (Feet to Feet)		Description
0	12	SILTY SAND
12	35	FINE TO COARSE SAND
35	40	CLAY
40	55	FINE TO MEDIUM SAND

Casings

Casing #	Depth from Surface (Feet to Feet)		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	25	Blank	PVC	Other	0.218	2			SCH 80
1	25	55	Screen	PVC	Other	0.218	2	Milled Slots	0.04	SCH 80

Annular Material

Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	20	Cement	Portland Cement/Neat Cement		NEAT CEMENT
20	23	Bentonite	Low Solids		BENTONITE
23	55	Filter Pack	Other Gravel Pack	#8	GRAVEL

Other Observations:

Borehole Specifications

Depth from Surface (Feet to Feet)		Borehole Diameter (inches)
0	55	8.5

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

Name: BRADLEY & SONS INC
Person, Firm or Corporation

3625 SOUTH HIGHLAND	DEL REY	California	93616
Address	City	State	Zip

Signed: electronic signature received — C-57 Licensed Water Well Contractor
10/30/2025 — Date Signed
414178 — License Number

DWR Use Only

CSG #	State Well Number			Site Code	Local Well Number		

----	----	----	N	----	----	----	W
Latitude Deg/Min/Sec				Longitude Deg/Min/Sec			

APN: ----

Township: ---- **Range:** ----

Section: ---- **Tract:** ----

SEQ: ---- **BM:** ----

Attachments

No Attachments

State of California

Well Completion Report

Form DWR 188 Submitted 10/03/2025

WCR2025-009810

Owner's Well Number: F-DA-1 **Date Work Began:** 08/25/2025 **Date Work Ended:** 09/18/2025

Local Permit Agency: Environmental Health Services of Monterey County **County:** Monterey

Secondary Permit Agency: **Permit Number:** 26-000047 **Permit Date:** 07/24/2025

Well Owner (must remain confidential pursuant to Water Code 13752)	Planned Use and Activity
Name: CITY OF SALINAS PUBLIC WORKS	**Activity:** New Production or Monitoring Well
Address: 65 WEST ALISAL ST.	**Planned Use:** Monitoring
City: SALINAS **State:** California **Zip:** 93901	

Well Location

Address:		**APN:** 000-000-000
City: **Zip:**		**Township:** 18S **Range:** 06E
Latitude: 36 Deg. 23 Min. 33.7272 Sec. N	**Longitude:** -121 Deg. 22 Min. 3.648 Sec. W	**Section:** 6 **BM:** Mount Diablo
Dec. Lat. : 36.392702	**Dec. Long. :** -121.36768	**Ground Surface Elevation:**
Vertical Datum:	**Horizontal Datum:**	**Elevation Accuracy:**
Location Accuracy:	**Location Determination Method:**	**Elevation Determination Method:**

Borehole Information	Water Level and Yield of Completed Well
Orientation: Vertical **# of casings (Specify):** 1	**Depth to first water:** (Feet below surface)
Drilling Method: Direct Rotary **Drilling Fluid:** Bentonite	**Depth to Static Water Level:** (Feet)
Total Depth of Boring: 1300 Feet	**Date Measured:**
Total Depth of Completed Well: 1255 Feet	**Estimated Yield*:** (GPM) **Test Type:**
	Test Length*: (Hours) **Total Drawdown:** (Feet)
	***May not be representative of a well's long term yield.**

Geologic Log - Free Form

Depth from Surface (Feet to Feet)		Description
0	20	COARSE SAND, SMALL GRAVEL, SILTY BROWN CLAY
20	60	COARSE SAND, SMALL MEDIUM LARGE GRAVEL, SILTY BROWN CLAY
60	100	FINE COARSE SAND, SMALL MEDIUM GRAVEL, SILTY BROWN CLAY
100	120	SOFT MUSHY BROWN CLAY, SILTY BROWN CLAY, SMALL GRAVEL
120	160	SOFT MUSHY BROWN CLAY, HARD BROWN CLAY, SMALL MEDIUM GRAVEL
160	200	SMALL MEDIUM LARGE GRAVEL, COBBLE, SOFT BROWN CLAY

Depth from Surface (Feet to Feet)		Description
200	220	SMALL MEDIUM GRAVEL, SOFT BROWN CLAY, COBBLE
220	240	SILTY BROWN CLAY, MEDIUM FINE SAND
240	260	BROWN CLAY, FINE MEDIUM SAND
260	280	SILTY BROWN CLAY, FINE MEDIUM SAND
280	320	SANDY BROWN CLAY MIX MEIDUM SAND
320	340	SILTY BROWN CLAY, FINE MEDIUM SAND
340	360	SANDY BROWN CLAY, MEDIUM SAND
360	380	SILTY BROWN CLAY, FINE SAND
380	400	SANDY BROWN CLAY
400	440	FINE MEDIUM SAND, BROWN CLAY
440	480	SILTY BROWN CLAY, FINE MEDIUM SAND
480	540	FINE COARSE SAND, SMALL GRAVEL, SOFT BROWN CLAY, COBBLE
540	600	FINE COARSE SAND, STICKY SOFT BROWN CLAY, HARD STREAKS
600	620	FINE MEDIUM SAND, BROWN CLAY
620	660	STICKY BROWN CLAY, FINE MEDIUM SAND
660	700	FINE MEDIUM SAND, SILKY BROWN CLAY
700	740	FINE COARSE SAND, SOFT BROWN CLAY, HARD STREAKS, SAND STONE
740	760	SOFT MUSHY BROWN CLAY, HARD STREAKS SHELL ROCK
760	780	FINE MEDIUM COARSE SAND, SHELL ROCK, GRAVEL
780	800	FINE MEDIUM COARSE SAND, SHALE ROCK, GRAVEL
800	820	FINE MEDIUM COARSE SAND, SHALE CLAY
820	840	FINE MEDUM COARSE SAND, SHALE
840	860	FINE SAND, MUSHY SOFT BROWN CLAY, SHALE
860	880	FINE MEDIUM COARSE SAND, SHALE ROCK, SOFT BROWN CLAY
880	900	SOFT STICKY BROWN CLAY, FINE SMALL SAND
900	920	BROWN CLAY, FINE MEDIUM HARD SAND
920	940	FINE MEDIUM COARSE SAND, HARD CLAY
940	960	SUPER HARD SHALE MIX CORTZ
960	980	HARD SHALE MIX CORTZ, CLAY
980	1000	FINE SAND, STICKY SOFT BROWN CLAY
1000	1020	STICKY SOFT BROWN CLAY, FINE SAND
1020	1040	STICKY BROWN CLAY, FINE SAND
1040	1100	FINE MEDIUM SAND, BROWN CLAY
1100	1160	MUSHY SOFT BROWN CLAY, FINE SAND
1160	1180	STICKY BROWN CLAY, FINE MEDUM SAND, SHALE
1180	1200	HARD SHALE ROCK, FINE SAND MIX CORTZ
1200	1220	STICKY BROWN CLAY, FINE SAND
1220	1280	FINE MEDIUM SAND, BROWN CLAY
1280	1300	FINE MEDUM SAND, BROWN STICKY CLAY

Casings

Casing #	Depth from Surface (Feet to Feet)		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	1200	Blank	PVC	Other	0.337	4			SCH 80
1	1200	1250	Screen	PVC	Other	0.337	4	Milled Slots	0.03	SCH 80
1	1250	1255	Blank	PVC	Other	0.377	4			SCH 80

Annular Material

Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	100	Cement	Other Cement		CONCRETE
100	1185	Other Fill	See description		QUICK GROUT
1185	1190	Other Fill	See description		HOLE PLUG
1190	1300	Filter Pack	Other Gravel Pack	#8	SAND

Other Observations:

Borehole Specifications

Depth from Surface (Feet to Feet)		Borehole Diameter (inches)
0	1300	10.625

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

Name: BRADLEY & SONS INC
Person, Firm or Corporation

Address	City	State	Zip
3625 SOUTH HIGHLAND	DEL REY	California	93616

Signed: electronic signature received — C-57 Licensed Water Well Contractor
10/03/2025 — Date Signed
414178 — License Number

DWR Use Only

CSG #	State Well Number			Site Code	Local Well Number		
36	23	33.73	N	-121	22	3.65	W
Latitude Deg/Min/Sec				Longitude Deg/Min/Sec			

TRS:

APN:

Attachments

No Attachments

State of California

Well Completion Report

Form DWR 188 Submitted 10/15/2025

WCR2025-010195

Owner's Well Number: F-ISW-1 **Date Work Began:** 08/13/2025 **Date Work Ended:** 08/18/2025

Local Permit Agency: Environmental Health Services of Monterey County **County:** Monterey

Secondary Permit Agency: **Permit Number:** 26-000019 **Permit Date:** 07/24/2025

Well Owner (must remain confidential pursuant to Water Code 13752)

Name: SALINAS VALLEY BASIN GROUNDWATER SUSTAINABILITY AGENCY

Address: PO BOX 1350

City: CARMEL VALLEY **State:** California **Zip:** 93924

Planned Use and Activity

Activity: New Production or Monitoring Well

Planned Use: Monitoring

Well Location

Address:

City: **Zip:**

Latitude: 36 Deg. 17 Min. 15.9 Sec. N

Dec. Lat. : 36.28775

Vertical Datum:

Location Accuracy:

Longitude: -121 Deg. 19 Min. 5.1744 Sec. W

Dec. Long. : -121.318104

Horizontal Datum:

Location Determination Method:

APN: 0

Township: 19S **Range:** 06E

Section: 9 **BM:** Mount Diablo

Ground Surface Elevation:

Elevation Accuracy:

Elevation Determination Method:

Borehole Information

Orientation: Vertical **# of casings (Specify):** 1

Drilling Method: Direct Rotary **Drilling Fluid:** Bentonite

Total Depth of Boring: 200 Feet

Total Depth of Completed Well: 195 Feet

Water Level and Yield of Completed Well

Depth to first water: (Feet below surface)

Depth to Static Water Level: (Feet)

Date Measured:

Estimated Yield*: (GPM) **Test Type:**

Test Length*: (Hours) **Total Drawdown:** (Feet)

***May not be representative of a well's long term yield.**

Geologic Log - Free Form

Depth from Surface (Feet to Feet)		Description
0	20	TOP SOIL, CLAY, COBBLE, LARGE GRAVEL, SAND
20	40	COBBLE, FINE SAND, SILTY GRAY CLAY
40	140	FINE SMALL SAND, SILTY GRAY BROWN CLAY
40	140	FINE SMALL SAND, SILTY GRAY BROWN CLAY
140	200	DARK GRAY SILTY CLAY, MUSHY SILTY BROWN CLAY

Casings

Casing #	Depth from Surface (Feet to Feet)		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	160	Blank	PVC	Other	0.218	2			SCH 80
1	160	190	Screen	PVC	Other	0.218	2	Milled Slots	0.03	SCH 80
1	190	195	Blank	PVC	Other	0.218	2			SCH 80

Annular Material

Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	140	Cement	10.3 Sack Mix		CONCRETE
140	145	Bentonite	Low Solids		BENTONITE
145	200	Filter Pack	Other Gravel Pack	#8	GRAVEL

Other Observations:

Borehole Specifications

Depth from Surface (Feet to Feet)		Borehole Diameter (inches)
0	200	8.75

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

Name: BRADLEY & SONS INC
Person, Firm or Corporation

Address	City	State	Zip
3625 SOUTH HIGHLAND	DEL REY	California	93616

Signed: electronic signature received (C-57 Licensed Water Well Contractor) | 10/15/2025 (Date Signed) | 414178 (License Number)

DWR Use Only

CSG #	State Well Number			Site Code	Local Well Number		
36	17	15.90	N	-121	19	5.17	W
Latitude Deg/Min/Sec				Longitude Deg/Min/Sec			

TRS:

APN:

Attachments

No Attachments

State of California

Well Completion Report

Form DWR 188 Submitted

WCR2025-010632

Owner's Well Number: F-ISW-2 **Date Work Began:** 10/21/2025 **Date Work Ended:** 10/21/2025

Local Permit Agency: Environmental Health Services of Monterey County **County:** Monterey

Secondary Permit Agency: **Permit Number:** 26-000051 **Permit Date:** 07/28/2025

Well Owner (must remain confidential pursuant to Water Code 13752)

Name: COUNTY ROAD EASEMENT

Address: P.O. BOX 1350

City: CARMEL VALLEY **State:** California **Zip:** 93924

Planned Use and Activity

Activity: New Production or Monitoring Well

Planned Use: Monitoring

Well Location

Address: ELM ST

City: **Zip:**

Latitude: 36 Deg. 20 Min. 21.8904 Sec. N

Dec. Lat. : 36.339414

Vertical Datum:

Location Accuracy:

Longitude: -121 Deg. 12 Min. 7.218 Sec. W

Dec. Long. : -121.202005

Horizontal Datum:

Location Determination Method:

APN: 000-00-000

Township: 18S **Range:** 07E

Section: 27 **BM:** Mount Diablo

Ground Surface Elevation:

Elevation Accuracy:

Elevation Determination Method:

Borehole Information

Orientation: Vertical **# of casings (Specify):** 1

Drilling Method: Auger **Drilling Fluid:** Bentonite

Total Depth of Boring: 75 Feet

Total Depth of Completed Well: 70 Feet

Water Level and Yield of Completed Well

Depth to first water: (Feet below surface)

Depth to Static Water Level: (Feet)

Date Measured:

Estimated Yield*: (GPM) **Test Type:**

Test Length*: (Hours) **Total Drawdown:** (Feet)

***May not be representative of a well's long term yield.**

Geologic Log - Free Form

Depth from Surface (Feet to Feet)		Description
0	10	SILTY SAND
10	15	SANDY CLAY
15	75	MEDIUM SAND W/ FINE SAND

Casings										
Casing #	Depth from Surface (Feet to Feet)		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	35	Blank	PVC	Other	0.218	2			SCH 80
1	35	65	Blank	PVC	Other	0.218	2			SCH 80
1	65	70	Blank	PVC	Other	0.218	2			SCH 80

Annular Material					
Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	20	Cement	Other Cement		NEAT CEMENT
20	25	Bentonite	Low Solids		BENTONITE
25	75	Filter Pack	Other Gravel Pack	#8	GRAVEL

Other Observations:

Borehole Specifications		
Depth from Surface (Feet to Feet)		Borehole Diameter (inches)
0	75	8.5

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

Name: BRADLEY & SONS INC
Person, Firm or Corporation

3625 SOUTH HIGHLAND	DEL REY	California	93616
Address	City	State	Zip

Signed: electronic signature received — C-57 Licensed Water Well Contractor
10/30/2025 — Date Signed
414178 — License Number

DWR Use Only

CSG #	State Well Number			Site Code	Local Well Number		
----	----	----	N	----	----	----	W
Latitude Deg/Min/Sec				Longitude Deg/Min/Sec			

APN: ----

Township: ---- **Range:** ----

Section: ---- **Tract:** ----

SEQ: ---- **BM:** ----

Attachments
No Attachments

State of California

Well Completion Report

Form DWR 188 Submitted

WCR2025-010626

Owner's Well Number: F-ISW-3 **Date Work Began:** 10/20/2025 **Date Work Ended:** 10/20/2025

Local Permit Agency: Environmental Health Services of Monterey County **County:** Monterey

Secondary Permit Agency: **Permit Number:** 26-000052 **Permit Date:** 07/28/2025

Well Owner (must remain confidential pursuant to Water Code 13752)

Name: COUNTY ROAD EASEMENT

Address: P.O. BOX 1350

City: CARMEL VALLEY **State:** California **Zip:** 93924

Planned Use and Activity

Activity: New Production or Monitoring Well

Planned Use: Monitoring

Well Location

Address: CAMPHORA RD

City: SOLDEDAD **Zip:** 93960

Latitude: 36 Deg. 26 Min. 36.7584 Sec. N

Dec. Lat. : 36.443544

Vertical Datum:

Location Accuracy:

Longitude: -121 Deg. 23 Min. 38.8068 Sec. W

Dec. Long. : -121.394113

Horizontal Datum:

Location Determination Method:

APN: 000-000-000

Township: 17S **Range:** 05E

Section: 23 **BM:** Mount Diablo

Ground Surface Elevation:

Elevation Accuracy:

Elevation Determination Method:

Borehole Information

Orientation: Vertical **# of casings (Specify):** 1

Drilling Method: Auger **Drilling Fluid:** Bentonite

Total Depth of Boring: 75 Feet

Total Depth of Completed Well: 70 Feet

Water Level and Yield of Completed Well

Depth to first water: (Feet below surface)

Depth to Static Water Level: (Feet)

Date Measured:

Estimated Yield*: (GPM) **Test Type:**

Test Length*: (Hours) **Total Drawdown:** (Feet)

***May not be representative of a well's long term yield.**

Geologic Log - Free Form

Depth from Surface (Feet to Feet)		Description
0	3	SAND W/ GRAVEL
3	75	MEDIUM SAND

Casings										
Casing #	Depth from Surface (Feet to Feet)		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	35	Blank	PVC	Other	0.218	2			SCH 80
1	35	65	Screen	PVC	Other	0.218	2	Milled Slots	0.04	SCH 80
1	65	70	Blank	PVC	Other	0.218	2			SCH 80

Annular Material					
Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	20	Cement	Other Cement		NEAT CEMENT
20	25	Bentonite	Low Solids		BENTONITE
25	75	Filter Pack	Other Gravel Pack		GRAVEL

Other Observations:

Borehole Specifications		
Depth from Surface (Feet to Feet)		Borehole Diameter (inches)
0	75	8.5

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

Name: BRADLEY & SONS INC
Person, Firm or Corporation

3625 SOUTH HIGHLAND	DEL REY	California	93616
Address	City	State	Zip

Signed: electronic signature received — C-57 Licensed Water Well Contractor
10/30/2025 — Date Signed
414178 — License Number

DWR Use Only

CSG #	State Well Number			Site Code	Local Well Number		
----	----	----	N	----	----	----	W
Latitude Deg/Min/Sec				Longitude Deg/Min/Sec			

APN: ----

Township: ---- **Range:** ----

Section: ---- **Tract:** ----

SEQ: ---- **BM:** ----

Attachments
No Attachments

State of California

Well Completion Report

Form DWR 188 Submitted 07/25/2025

WCR2025-007567

Owner's Well Number: L-GWL-1 **Date Work Began:** 07/14/2025 **Date Work Ended:** 07/18/2025

Local Permit Agency: Environmental Health Services of Monterey County **County:** Monterey

Secondary Permit Agency: **Permit Number:** 25-000531 **Permit Date:** 06/25/2025

Well Owner (must remain confidential pursuant to Water Code 13752)

Name: COUNTY ROAD EASEMENT

Address: P.O. BOX 1350

City: CARMEL VALLEY **State:** California **Zip:** 93924

Planned Use and Activity

Activity: New Production or Monitoring Well

Planned Use: Monitoring

Well Location

Address:

City: **Zip:**

Latitude: 36 Deg. 47 Min. 15.2574 Sec. N

Dec. Lat. : 36.7875715

Vertical Datum:

Location Accuracy:

Longitude: -121 Deg. 35 Min. 21.38676 Sec. W

Dec. Long. : -121.5892741

Horizontal Datum:

Location Determination Method:

APN: NOT AVALABLE

Township: 13S **Range:** 03E

Section: 24 **BM:** Mount Diablo

Ground Surface Elevation:

Elevation Accuracy:

Elevation Determination Method:

Borehole Information

Orientation: Vertical **# of casings (Specify):** 1

Drilling Method: Direct Rotary **Drilling Fluid:** Bentonite

Total Depth of Boring: 171 Feet

Total Depth of Completed Well: 165 Feet

Water Level and Yield of Completed Well

Depth to first water: (Feet below surface)

Depth to Static Water Level: (Feet)

Date Measured:

Estimated Yield*: (GPM) **Test Type:**

Test Length*: (Hours) **Total Drawdown:** (Feet)

***May not be representative of a well's long term yield.**

Geologic Log - Free Form

Depth from Surface (Feet to Feet)		Description
0	20	TOP SOIL, FINE SMALL SAND, PEA GRAVEL
20	40	FINE SAND, MEDIUM DAN, GRAVEL, BROWN ROCKS, SILTY BROWN CLAY
40	80	FINE SMALL SAND, SMALL MEDIUM GRAVEL, SOLIDATED SAND
80	120	FINE SMALL MEDIUM SAND, SMALL MEDIUM GRAVEL, BROKEN ROCK, SILTY BROWN CLAY

Depth from Surface (Feet to Feet)		Description
120	171	HARD CONSOLIDATED SAND

Casings

Casing #	Depth from Surface (Feet to Feet)		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	80	Blank	PVC	Other	0.337	4			SCH 80
1	80	160	Screen	PVC	Other	0.337	4	Milled Slots	0.04	SCH 80
1	160	165	Blank	PVC	Other	0.337	4			SCH 80

Annular Material

Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	65	Cement	10.3 Sack Mix		
65	70	Bentonite	High Solids		
70	171	Filter Pack	8 x 16	#8	GRAVEL

Other Observations:

Borehole Specifications

Depth from Surface (Feet to Feet)		Borehole Diameter (inches)
0	171	10.625

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

Name: BRADLEY & SONS INC
Person, Firm or Corporation

3625 SOUTH HIGHLAND	DEL REY	California	93616
Address	City	State	Zip

Signed: electronic signature received — C-57 Licensed Water Well Contractor
07/25/2025 — Date Signed
414178 — License Number

DWR Use Only

CSG #	State Well Number	Site Code	Local Well Number

				N					W
Latitude Deg/Min/Sec					Longitude Deg/Min/Sec				

TRS:

APN:

Attachments
No Attachments

State of California

Well Completion Report

Form DWR 188 Submitted 10/15/2025

WCR2025-010194

Owner's Well Number: UV-GWL-3 **Date Work Began:** 09/24/2025 **Date Work Ended:** 10/03/2025

Local Permit Agency: Environmental Health Services of Monterey County **County:** Monterey

Secondary Permit Agency: **Permit Number:** 26-000100 **Permit Date:** 08/08/2025

Well Owner (must remain confidential pursuant to Water Code 13752)	Planned Use and Activity
Name: COUNTY ROAD EASEMENT	**Activity:** New Production or Monitoring Well
Address: P.O. BOX 1350	**Planned Use:** Monitoring
City: CARMEL VALLEY **State:** California **Zip:** 93924	

Well Location

Address:		**APN:** 0
City: **Zip:**		**Township:** 23S **Range:** 11E
Latitude: 35 Deg. 53 Min. 11.922 Sec. N	**Longitude:** -120 Deg. 44 Min. 33.9504 Sec. W	**Section:** 36 **BM:** Mount Diablo
Dec. Lat. : 35.886645	**Dec. Long. :** -120.742764	**Ground Surface Elevation:**
Vertical Datum:	**Horizontal Datum:**	**Elevation Accuracy:**
Location Accuracy:	**Location Determination Method:**	**Elevation Determination Method:**

Borehole Information	Water Level and Yield of Completed Well
Orientation: Vertical **# of casings (Specify):** 1	**Depth to first water:** (Feet below surface)
Drilling Method: Direct Rotary **Drilling Fluid:** Bentonite	**Depth to Static Water Level:** (Feet)
Total Depth of Boring: 500 Feet	**Date Measured:**
Total Depth of Completed Well: 495 Feet	**Estimated Yield*:** (GPM) **Test Type:**
	Test Length*: (Hours) **Total Drawdown:** (Feet)
	***May not be representative of a well's long term yield.**

Geologic Log - Free Form

Depth from Surface (Feet to Feet)		Description
0	20	ROCK, MEDIUM COARSE SAND, PEA GRAVEL, SILTY CLAY
20	40	MEDIUM COARSE SAND, ROCK, PEA GRAVEL, SILTY CLAY
40	60	ROCK, SMALL GRAVEL, SOFT MUSHY CLAY
60	120	FINE SAND, SMALL MEDIUM GRAVEL, ROCK, SILTY BROWN CLAY
120	140	SOFT BROWN CLAY, ROCK & CORTZ
140	200	SOFT MUSHY STICKY BROWN CLAY, ROCK

Depth from Surface (Feet to Feet)		Description
200	240	MEDIUM COARSE SAND, SOFT MUSHY STICKY BROWN CLAY, ROCK
240	260	SOFT MUSHY STICKY BROWN CLAY, COARSE SAND
260	280	FINE MEDIUM COARSE SAND, MEDIUM GRAVEL, ROCK, STICKY BROWN CLAY
280	300	FINE SAND, SOFT STICKY BROWN CLAY, MEDIUM GRAVEL, ROCK
300	340	FINE MEDIUM COARSE SAND, SOFT STICKY BROWN CLAY, PEA GRAVEL, ROCK
340	380	SOFT STICKY BROWN CLAY, COARSE SAND
380	400	FINE MEDIUM COARSE SAND, PEA GRAVEL, ROCK
400	500	FINE MEDIUM COARSE SAND, SOFT BROWN CLAY, PEA GRAVEL

Casings

Casing #	Depth from Surface (Feet to Feet)		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	460	Blank	PVC	Other	0.337	4			SCH 80
1	460	490	Screen	PVC	Other	0.337	4	Milled Slots	0.03	SCH 80
1	490	495	Blank	PVC	Other	0.337	4			SCH 80
1	490	495	Blank	PVC	Other	0.337	4			SCH 80

Annular Material

Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	150	Cement	Other Cement		CONCRETE
150	445	Bentonite	Other Bentonite		QUICK GROUT
445	450	Bentonite	Other Bentonite		HOLE PLUG
450	500	Filter Pack	Other Gravel Pack	#8	GRAVEL

Other Observations:

Borehole Specifications

Depth from Surface (Feet to Feet)		Borehole Diameter (inches)
0	500	10.625

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

Name: BRADLEY & SONS INC
Person, Firm or Corporation

3625 SOUTH HIGHLAND	DEL REY	California	93616
Address	City	State	Zip

Signed: electronic signature received — C-57 Licensed Water Well Contractor
10/15/2025 — Date Signed
414178 — License Number

DWR Use Only

CSG #	State Well Number	Site Code	Local Well Number

35	53	11.92	**N**	-120	44	33.95	**W**
Latitude Deg/Min/Sec				Longitude Deg/Min/Sec			

TRS:

APN:

Attachments

No Attachments

State of California

Well Completion Report

Form DWR 188 Submitted

WCR2025-010638

Owner's Well Number: UV-ISW-2 **Date Work Began:** 10/23/2025 **Date Work Ended:** 10/23/2025

Local Permit Agency: Environmental Health Services of Monterey County **County:** Monterey

Secondary Permit Agency: **Permit Number:** 26-000046 **Permit Date:** 07/28/2025

Well Owner (must remain confidential pursuant to Water Code 13752)

Name: COUNTY ROAD EASEMENT

Address: P.O. BOX 1350

City: CARMEL VALLEY **State:** California **Zip:** 93924

Planned Use and Activity

Activity: New Production or Monitoring Well

Planned Use: Monitoring

Well Location

Address: 0 CATTLEMEN RD

City: SAN LUCAS **Zip:** 93954

APN: 000-00-000

Township: 21S **Range:** 10E

Section: 31 **BM:** Mount Diablo

Ground Surface Elevation:

Elevation Accuracy:

Elevation Determination Method:

Latitude: 36 Deg. 3 Min. 15.3972 Sec. N

Dec. Lat. : 36.054277

Vertical Datum:

Location Accuracy:

Longitude: -120 Deg. 55 Min. 20.208 Sec. W

Dec. Long. : -120.92228

Horizontal Datum:

Location Determination Method:

Borehole Information

Orientation: Vertical **# of casings (Specify):** 1

Drilling Method: Auger **Drilling Fluid:** Bentonite

Total Depth of Boring: 75 Feet

Total Depth of Completed Well: 40 Feet

Water Level and Yield of Completed Well

Depth to first water: (Feet below surface)

Depth to Static Water Level: (Feet)

Date Measured:

Estimated Yield*: (GPM) **Test Type:**

Test Length*: (Hours) **Total Drawdown:** (Feet)

***May not be representative of a well's long term yield.**

Geologic Log - Free Form

Depth from Surface (Feet to Feet)		Description
0	10	SAND, GRAVEL
10	25	SILTY SAND
25	37	SAND, GRAVEL
37	50	SILTY CLAY
50	75	SAND, GRAVEL

Casings										
Casing #	Depth from Surface (Feet to Feet)		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	15	Blank	PVC	Other	0.218	2			SCH 80
1	15	35	Screen	PVC	Other	0.218	2	Milled Slots	0.04	SCH 80
1	35	40	Blank	PVC	Other	0.218	2			SCH 80

Annular Material					
Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	10	Cement	Portland Cement/Neat Cement		NEAT CEMEN
10	13	Bentonite	Low Solids		BENTONITE
13	40	Filter Pack	Other Gravel Pack	#8	GRAVEL
40	75	Other Fill	See description		NATIVE FILL

Other Observations:

Borehole Specifications		
Depth from Surface (Feet to Feet)		Borehole Diameter (inches)
0	75	8.5

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

Name: BRADLEY & SONS INC
Person, Firm or Corporation

3625 SOUTH HIGHLAND	DEL REY	California	93616
Address	City	State	Zip

Signed: electronic signature received — C-57 Licensed Water Well Contractor
10/30/2025 — Date Signed
414178 — License Number

DWR Use Only

CSG #	State Well Number			Site Code	Local Well Number		
----	----	----	N	----	----	----	W
Latitude Deg/Min/Sec				Longitude Deg/Min/Sec			

APN: ----

Township: ---- **Range:** ----

Section: ---- **Tract:** ----

SEQ: ---- **BM:** ----

Attachments
No Attachments

State of California

Well Completion Report

Form DWR 188 Submitted

WCR2025-010627

Owner's Well Number: UV-WGL-2 **Date Work Began:** 10/07/2025 **Date Work Ended:** 10/24/2025

Local Permit Agency: Environmental Health Services of Monterey County **County:** Monterey

Secondary Permit Agency: **Permit Number:** 26-000099 **Permit Date:** 08/08/2025

Well Owner (must remain confidential pursuant to Water Code 13752)	Planned Use and Activity
Name: COUNTY ROAD EASEMENT	**Activity:** New Production or Monitoring Well
Address: P.O. BOX 1350	**Planned Use:** Monitoring
City: CARMEL VALLEY **State:** California **Zip:** 93924	

Well Location

Address: RANCHITA CANYON RD

City: SAN MIGUEL **Zip:** 93451

Latitude: 35 Deg. 48 Min. 21.0132 Sec. N

Dec. Lat. : 35.805837

Vertical Datum:

Location Accuracy:

Longitude: -120 Deg. 33 Min. 35.082 Sec. W

Dec. Long. : -120.559745

Horizontal Datum:

Location Determination Method:

APN: 000

Township: 24S **Range:** 13E

Section: 27 **BM:** Mount Diablo

Ground Surface Elevation:

Elevation Accuracy:

Elevation Determination Method:

Borehole Information

Orientation: Vertical **# of casings (Specify):** 1

Drilling Method: Other **Drilling Fluid:** Bentonite

Total Depth of Boring: 700 Feet

Total Depth of Completed Well: 555 Feet

Water Level and Yield of Completed Well

Depth to first water: (Feet below surface)

Depth to Static Water Level: (Feet)

Date Measured:

Estimated Yield*: (GPM) **Test Type:**

Test Length*: (Hours) **Total Drawdown:** (Feet)

***May not be representative of a well's long term yield.**

Geologic Log - Free Form

Depth from Surface (Feet to Feet)		Description
0	20	TOP SOIL, BROWN SILTY CLAY, FINE MEDIUM CORSE SAND, SMALL MEDIUM LARGE GRAVEL
20	40	SOFT STICKY BROWN CLAY, FINE COARSE SAND, PEA SMALL GRAVEL
40	100	FINE COARSE SAND, PEA MEDIUM GRAVEL, ROCK, SOFT STICKY BROWN CLAY
100	140	FINE MEDIUM COARSE SAND, SOFTMUSHY BROWN CLAY
140	200	SOFT STICKY BROWN CLAY, HARD BROWN CLAY, FINE COARSE SAND
200	220	SOFT STICKY BROWN CLAY, FINE COARSE SAND MIX GRAVEL

Depth from Surface (Feet to Feet)		Description
220	240	SOFT STICKY MUSHY BROWN CLAY, FINE SAND
220	240	SOFT STICKY MUSHY BROWN CLAY, FINE SAND
240	260	SOFT STICKY MUSHY CLAY, FINE COARSE SAND MIX GRAVEL & ROCK
260	320	FINE MEDIUM COARSE SAND MIX GRAVEL, ROCK, HARD STEAKS, STICKY CLAY
320	360	SOFT STICKY BROWN CLAY, HARD BROWN CLAY, FINE COARSE SAND MIX GRAVEL, HARD STREAKS
360	420	FINE COARSE SAND, PEA SMALL MEDIUM GRAVEL, SOFT MUSHY BROWN CLAY
420	440	SOFT MUSHY BROWN CLAY, FINE COARSE SAND
440	460	FINE MEDIUM COARSE SAND MIX GRAVEL, HARD STREAKS ROCK
460	480	FINE COARSE SAND, SOFT MUSHY BROWN CLAY
460	480	FINE COARSE SAND, SOFT MUSHY BROWN CLAY
480	500	FINE COARSE SAND, SOFT STICKY BROWN CLAY MIX GRAVEL
500	560	FINE COARSE SAND MIX GRAVEL, ROCK, SOFT BROWN CLAY
560	660	FINE COARSE SAND, SOFT BROWN CLAY, PEA MEDIUM GRAVEL
660	700	FINE MEDIUM COARSE SAND, SOFT MUSHY BROWN CLAY, PEA GRAVEL

Casings

Casing #	Depth from Surface (Feet to Feet)		Casing Type	Material	Casings Specifications	Wall Thickness (inches)	Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description
1	0	500	Blank	PVC	Other	0.337	4			SCH 80
1	500	550	Screen	PVC	Other	0.337	4	Milled Slots	0.04	SCH 80
1	550	555	Blank	PVC	Other	0.337	4			SCH 80

Annular Material

Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	140	Cement	Other Cement		CONCRETE
140	485	Other Fill	See description		QUICK GROUT
485	490	Bentonite	Low Solids		HOLE PLUG
490	700	Filter Pack	Other Gravel Pack	#8	SRI SAND

Other Observations:

Borehole Specifications

Depth from Surface (Feet to Feet)		Borehole Diameter (inches)
0	700	10.625

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

Name: BRADLEY & SONS INC

Person, Firm or Corporation

3625 SOUTH HIGHLAND	DEL REY	California	93616
Address	City	State	Zip
Signed: electronic signature received		10/30/2025	414178
C-57 Licensed Water Well Contractor		Date Signed	License Number

DWR Use Only

CSG #	State Well Number			Site Code	Local Well Number		

----	----	----	**N**	----	----	----	**W**
Latitude Deg/Min/Sec				**Longitude Deg/Min/Sec**			

APN: ----

Township: ---- **Range:** ----

Section: ---- **Tract:** ----

SEQ: ---- **BM:** ----

Attachments

No Attachments

City of Salinas

SALINAS

CITY OF SALINAS
APPROVED
Accepted by
05/22/2025
Date
DEVELOPMENT ENGINEERING

ENCROACHMENT PERMIT & APPLICATION

CITY USE ONLY
PERMIT NO.: ENC25-0308 ISSUE DATE: 5/22/2025 EXPIRATION DATE: 11/22/2025
☐ PUBLIC IMPROVEMENT PLANS ☐ 50/50 PROGRAM ☐ FIBER ☐ SMALL CELL (LUMINAIRE) ☐ SMALL CELL (PRIVATE POLE)

☐ CONSTRUCTION – PRIVATE FACILITIES ☐ CONSTRUCTION – PUBLIC FACILITIES ☐ REVISION PERMIT # ☐ OTHER

APPLICANT INFORMATION: Complete all fields

NAME: Bradley and Son's Inc. EMAIL:
MAILING ADDRESS: 3625 S. Highland Ave PHONE:
Del Rey Ca. 93616 CELL:
PROJECT LOCATION: Frontage rd off Sherwood Dr @ Hwy 101 SE. corner
PROJECT DESCRIPTION: Installation of Monitoring water well
(Include duration) Four Weeks To Six weeks

CONTRACTOR INFORMATION: Complete all fields

CONTRACTOR NAME: Bradley and Son's Inc EMAIL: rodb@bradleyandsonsdrilling.com
ADDRESS: 3625 S. Highland Ave PHONE: 559-441-1401
Del Rey Ca. 93616 ONSITE CONTACT NO.: 559-994-5703
CONTRACTOR LICENSE: 414178 EXPIRATION DATE: 3-31-26 TYPE: A☐ B☒ C- 57
CITY BUSINESS LICENSE: FinbL 25-00337 EXPIRATION DATE: 6-30-26

ENCROACHMENT TYPE: CHECK AND COMPLETE ALL APPLICABLE FIELDS		INSPECTIONS REQUIRED: CITY USE ONLY	DATE:	INITIALS
☐ UTILITIES (LF)		☐ PRE-CONSTRUCTION MEETING		
☐ SIDEWALK (SF)		■ TRAFFIC CONTROL		
☐ CURB & GUTTER (LF)		☐ BASE/SUBGRADE		
☐ ADA RAMP (EA)		☐ FORMS/REBAR		
☐ DRIVEWAY APPROACH (EA)		☐ UTILITIES		
☐ LANE CLOSURE (LF)		☐ SIGNS/STRIPING		
☐ PARKING SPACE CLOSURE (EA)		☐ LANDSCAPING/IRRIGATION		
☐ FIBER (LF)/SMALL CELL (EA)		☐ ASPHALT/CONCRETE		
☒ OTHER: well Drilling		■ FINAL INSPECTION		

* INSPECTION SHALL BE REQUESTED 24 HOURS PRIOR TO COMMENCEMENT OF WORK
* EMAIL ENCROACHMENT@CI.SALINAS.CA.US TO SCHEDULE INSPECTIONS
* UNINSPECTED WORK WILL RESULT IN A CITATION AND IS SUBJECT TO BEING REJECTED

ACKNOWLEDGEMENT & SIGNATURE

I understand the State of California Contractors License Requirements
I have read the General Conditions attached to this application and will comply with them, any special conditions, and all provisions of the City of Salinas Municipal Code. Note: Applicant must sign and submit Page 5 of Permit Conditions.

Rod Bradley — CONTRACTOR/UTILITY REPRESENTATIVE NAME
Rod Bradley — SIGNATURE
5-9-25 — DATE

April 2020

COUNTY OF MONTEREY

HOUSING & COMMUNITY DEVELOPMENT - ENGINEERING SERVICES
1441 Schilling Place, 2nd Floor-South, Salinas, CA 93901

ENCROACHMENT PERMIT 25EP0197

Notify the Department of Housing & Community Development - Engineering Services
at least 48 hours prior to starting any permit work, excluding weekends and legal holidays.
Contact by phone by calling 831-755-5025 or by email at encroachment@co.monterey.ca.us

APPLICATION DATE: 05/07/2025
DISTRICT: 5-All Districts
PERMIT ISSUE DATE: 05/16/2025
ASSOCIATED CONSTRUCTION PERMIT:
PARCEL NO. (if any): 111-111-111-111
UTILITY WORK ORDER:
PROJECT ADDRESS: VARIOUS COUNTY ROADS
LOCATION DESCRIPTION: ECHO VALLEY CT, RANCHITA CANYON RD, HARE CANYON RD, CATTLEMEN RD, ELM AVE, ESPINOZA RD AND MISSION RD. REVISED TO INCLUDE CAMPHORA RD, HERBERT RD, ARROYO SECO RD, SAN BENANCIO RD AND SAN JUAN GRADE RD.
PERMITTEE: ROD BRADLEY
ORGANIZATION: BRADLEY & SON'S, INC.
PERMITTEE ADDRESS: 3625 S. HIGHLAND AVENUE, DEL REY, CA 93616
PERMITTEE PHONE: 559-441-1401
PERMITTEE EMAIL: rodb@bradleyandsonsdrilling.com

In compliance with your request and subject to the existing County Encroachment Ordinance, and to all other terms, conditions, and restrictions written below, printed on or attached to any part of this permit, Permission is hereby granted to:

DRILLING TO INSTALL (8) FOUR INCH MONITORING WELLS TO MONITOR GROUND WATER LEVELS FOR THE SALINAS VALLEY BASIN PROJECT LOCATED ON VARIOUS COUNTY ROADS PER ATTACHED LOCATION MAPS.

In order for this encroachment permit to be acknowledged as complete, work shall be in accordance with the above mentioned plan, all pertinent sections of Chapter 14.04 of the Monterey County Code, together with any other applicable provisions of the Monterey County Code, the forms listed below, and other attachments:

Forms

Unless specified, no permit work or activity is to take place after: ***12/31/25***

CEQA Status: **CEQA Section:** **CEQA Class:**

Fees Assessed: $2,328.70

Copy: Permittee Job Site Inspector File District Superintendent Finance

Printed: 6/18/2025 2:07:07PM

“ENCROACHMENT” includes any structure or object of any kind or character placed, without authority of law, either in, on, under, or over any County highway.

GENERAL CONDITIONS FROM MONTEREY COUNTY CODE - CHAPTER 14.04

An ordinance to protect the County highways and works incidental thereto by regulating their excavation and encroachment.

Sec.14.04 .010"County highway" means and includes all or any part of the entire width of right-of-way of any road, street, land, alley, way, place, or cul-de-sac maintained by the County and open to the use of the public for purposes of travel, whether or not such entire width is actually used for highway purposes, and whether or not it has been accepted into the County road system by resolution of the County Board of Supervisors. It also includes bridges, culverts, curbs, drains, ditches, and all works incidental to County highway construction, improvement, and maintenance.

Sec.14.04 .020A - When satisfied an applicant’s right or necessity, the Public Works Director may issue to him or her, a writing permit, which shall not be transferable, authorizing him or her to do any of the following acts:
1. Make an opening or excavation for any purpose in any County highway;
2. Place, change, or renew an encroachment;
3. Construct, grade, or place any driveway within a County highway; but no driveway shall be located within any portion of the normal curve returns of any intersection;
4. Plant, remove, cut, cut down, injure or destroy any tree/shrub/plant/flower growing within any County highway. (Ord. 1162 § 6, 1960)

Sec.14.04 .070A - This Chapter shall not be construed to prohibit any act for which a permit is required when the performance of such act is reasonably necessary for the preservation of life or property in an emergency. In all such cases, however, the person performing such act shall promptly notify the Public Works Director and shall apply for a permit therefor at the earliest practicable time thereafter, in any event not later than the next succeeding day during which the office of the Public Works Director is open.
B - Any person who violates any of the provisions of this Section is guilty of a misdemeanor. (Ord. 1162 § 11, 1960)

Sec.14.04 .100The Public Works Director may, but is not required to, supervise any work done under any permit issued under the County, but no cost of supervision shall be charged by the Public Works Director to any public Agency. (Ord. 1162 § 11, 1960)

Sec.14.04 .110 A - Every permittee shall:
1. Notify the Public Works Director at least forty-eight (48) hours, exclusive of Saturdays, Sundays, and legal holidays, before starting any permit work;
2. Keep his or her permit, or a copy thereof, at the site of the permit work at all times when he or she is actually engaged in work thereat, and exhibit it to the Public Works Director, or his or her representative or any peace officer, upon demand;
3. Promptly remove all refuse, debris, equipment, and excess material from the site of the permit work upon its completion, and leave the premises in as presentable a condition as before the work started;
4. Place and maintain suitable warning lights, signs, barriers, devices, or flagmen, which be the types specified in Section 21406 of the California Vehicle Code;
5. Deliver to the Public Works Director, upon his or her demand, after the completion of any permit work, a plan or drawing showing locations and details of permitted encroachments and connections, if any, to existing structures where such encroachments and connections differ substantially from any plats and diagrams submitted with the application for a permit;
6. In every case where he or she has disturbed the existing surface of a County highway, replace, repair or restore such highway in accordance with the terms of his or her permit. In case his or her permit contains no such terms, then he or she shall do such replacing, repairing, or restoring at his or her own expense promptly upon completion of his or her permit work, in a good and workmanlike manner as directed by the applicable provisions of this Chapter, to as good condition as before the permit work started; provided, however, that if the surface which was disturbed was a bituminous-surfaced roadway, such surface shall be replaced, repaired or restored with not less than one and one-half inches, compacted in thickness, of asphaltic concrete surfacing, over a minimum of six inches, compacted, in depth, of aggregate base material of a type approved by the Public Works Director;

7. Comply with all of the terms and conditions of his or her permit;
8. Comply with all construction standards and methods specified in this Chapter;
9. Store, place or deposit no material within five feet (5') from the edge of the pavement or traveled way or within the shoulder line, where the shoulders are wider than five feet (5'), of any County highway, without the prior approval of the Public Works Director;
10. Diligently pursue the permit work in such a way as not to cause an unreasonable interference or inconvenience to the traveling public.

Sec.14.04 .120A - Unless the permit provides otherwise: All permit work shall conform to the following specifications as may be designated by the permit:
1. The Standard Specifications of the Department of Public Works of the State of California;
2. The Special Provisions for Encroachment Work, on file in the office of the Public Works Director.

Sec.14.04 .125Indemnity and hold harmless: an applicant shall agree to indemnify, defend, and save harmless the County, its officers, agents and employees, from and against any and all claims and losses whatsoever accruing or resulting to any and all persons, firms or corporations, and public and private property in connection with the encroachment or the conduct of the special event, unless arising out of the sole negligence or willful misconduct of the County. (Ord. 3889, 1996)

Sec.14.04.160 The Public works Director may, in the manner provided in this section, require and enforce the removal of any of the things authorized by Subsection A of this Section, when, in his or her opinion, any of said things are so placed or done as to constitute a traffic hazard, or to interfere with normal highway maintenance, or otherwise to violate any of the conditions under which said things are authorized. (Ord. 3889, 1996; Ord. § 7, 1960)

D AT:
READY MIX PLANT
1351 Hawkins Road, Salinas, CA 93901
1-877-READYMIX

DON CHAPIN COMPANY

DELIVERY TICKET

WEIGHMASTER CERTIFICATE

53452

PRELIMINARY NOTICE IN ACCORDANCE WITH SEC. 1193 CALIF. CODE OF CIVIL PROCEDURE: TO WHOM IT MAY CONCERN:
You are hereby notified that we have furnished labor, service, equipment or material of the following general description, to the below named customer.

SOLD TO:
1365
BRADLEY & SONS INC
PREVIOUS TRUCK:. 100000

SHIP TO:
10 Sherwood Pl
Salinas

PO#:. PW 525055

TIME	MIX NO.	LOAD SIZE	YARDS ORDERED	MAP PG.	TRUCK #	DRIVER	TICKET #
12:46 PM	SS103	6.00	6.00		1021	Kenny Vincelet	204619
DATE	PLANT	LOAD #	YARDS DEL.	BATCH #	WATER TRIM	USE	SLUMP REQ. 'ST.
06/19/25	02	1	6.00		-14.00 gl		7.00 in

WARNING: Aggregate, Sand, Ready Mixed Concrete, and Precast Concrete products contain naturally occurring crystalline silica and other chemicals known to the State of California to cause cancer and or reproductive harm. Equipment used to handle, manufacture, transport, and place these products generate diesel fumes known to the State of California to cause cancer and or reproductive harm. Exposure to some or all of these chemicals occurs during product handling, manufacturing, transport, delivery, placing, and related construction activities. Prolonged exposure to and repeated inhalation of crystalline silica and or diesel fumes can cause progressive lung disease such as silicosis and some researchers have reported the exposure may cause lung cancer. To reduce your exposure to diesel fumes and crystalline silica, work in a well ventilated area and work with approved safety equipment such as dust and particle masks that are specifically designed to filter out microscopic particles and fumes. Always familiarize yourself with the hazards of the materials and equipment you are using and follow the precautions indicated on the product labels, Material Safety Sheets, and your health and safety training program. For more information, go to www.P65Warnings.ca.gov.

WARNING: IRRITATING TO THE SKIN AND EYES; Contains Portland Cement. Wear Rubber Boots and Gloves. PROLONGED CONTACT MAY CAUSE BURNS. Avoid contact with Eyes and prolonged contact with the Skin. In case of contact with Eyes or Skin, flush thoroughly with water. If irritation persists, get medical attention. KEEP CHILDREN AWAY.

NOTICE: READ OTHER SIDE BEFORE SIGNING

CUSTOMER HAS RECEIVED AND REVIEWED THIS DELIVERY TICKET/TERMS AND CONDITIONS. CUSTOMER AGREES TO THE TERMS AND CONDITIONS STATED HEREIN, INCLUDING ALL OF THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE.

By signing below, you are confirming the load was received in good order and per the Ticket. Multiple Tickets do not require multiple signatures (see reverse).

By signing below, you also acknowledge and agree to the PROPERTY DAMAGE RELEASE OF LIABILITY as set forth on the reverse of this Ticket.

Load Received By: X _____

Additional water added to this concrete will reduce its strength, and may cause excessive cracking. Any water added is at customer's own risk and will only be added as ordered by customer.

H_2O ADDED BY REQUEST _____ GAL.

WATER ADD AUTHORIZED BY: X _____

QUANTITY		CODE	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
6.00	yd	SS103	10.3 SK SAND SLU		
6.00	ea	TRANS	TRANSPORTATION		
1.00	ea	FUEL2	FUEL SURCHARGE		
1.00	ea	ENV	ENVIRONMENTAL FEE		

LEFT PLANT	ARRIVE JOB	START UNLOAD	5 MINUTES PER YARD FREE UNLOADING TIME ALLOWED. ADDITIONAL UNLOADING TIME CHARGED AT CURRENT PREVAILING RATES.		SUBTOTAL:
1254	115	117			
FINISH UNLOAD	LEAVE JOB	ARRIVE PLANT	STAND BY MINUTES	CYLINDER TEST TAKEN	PREV:.
				☐ YES ☐ NO	TOTAL:

Material	Design Qty	Required	Batched	% Var	% Moisture	Actual	Wat
CONSAND	1821 lb	11482 lb	11440 lb	-0.37%	5.09% M	66 gl	
TYPEII	968.0 lb	5808.0 lb	5780.0 lb	-0.48%			
WATER1	77.00 gl	311.36 gl	312.00 gl	0.21%		312.00 gl	

Actual
Design W/C: 0.664 Num Batches: 1
Slump: 7.00 in Water/Cement: 0.667 T
Actual W/C Ratio: 0.546 Water in Truck: 0.0 gl
Actual Water: 378 gl
Design 462.0 gl
Adjust Water: 0.0 gl / Load
Batched Cement: 5780 lb
Actual 378.4 gl
Trim Water: -14.0 gl / yd3
Allowable Water: 81 gl
To Add: 83.6 gl
Manual 12:42:14

Martin Renteria

WEIGHMASTER CERTIFICATE THIS IS TO CERTIFY [illegible] weighed, measured, or counted by a weighmaster [illegible] recognized authority of accuracy, as prescribed by [illegible] of Division 5 of the California Business and Professions Code [illegible] Measurement Standards of the California [illegible]

THE DON CHAPIN CO. INC. BY X _____
[illegible]

SOLD BY

Graniterock.

P.O. BOX 50001 • WATSONVILLE, CA 95077-5001

33111114

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed for Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

CUSTOMER NUMBER	NOTICE OF SALE NUMBER	JOB / P.O. NUMBER	TIME DUE ON JOB	DATE
99341	000000	BRADLEY &	12:19:00 PM	06/27/2025

592061

CUSTOMER: CASH - BR 341

JOB LOCATION: 10 SHERWOOD PL., SALINAS
BEHIND MT. TORO HIGH SCHOOL

2372

☐ COD CASH RECEIVED _____ CHECK NO. _____ D.L. NO.: _____

CODE	QUANTITY	UNIT	DESCRIPTION	PRICE	AMOUNT
003010	6.00	yd	10.43 SACK SAND SLURRY	$262.00	$1,572.00
ERFC	1.00	LD	ENVIRONMENTAL RECOVERY FEE	$35.00	$35.00
				SALES TAX	$148.65
				TOTAL	$1,755.65

TOTAL YDS. ORDERED	TOTAL YDS. DELIVERED	LOAD NO.	CUMULATIVE TOTAL
6.00	6.00		$1,755.65

8.00 in

It is our commitment to provide you, the customer, with concrete products according to ASTM and ACI specifications. As part of this commitment we are providing you the following batch weight information.

PLANT LOCATION	INGREDIENT			MIX DESIGN SPECIFICATION LIMITS ASTM (C-94)		ACTUAL BATCH WEIGHTS		
Sequence Code dg	Material	Var	% Var	Under	Over	Batched	Target	% Moisture
	GRAN-SND	-8	-0.05%	14807.67	14887.67	14840 lb	14,848 lb	3.50% M
	CEMT2MOD		0.00%	5870.00	5890.00	5880 lb	5,880 lb	
Graniterock	WATER	-6.58	-0.32%	2008.58	2048.58	2022.00 lb	2,029 lb	
400 Work St.	RECOVER	-1	-1.36%	85.20	91.20	87 oz	88 oz	
Salinas CA 93901								
831-775-3550								
www.southernconcrete@graniterock.com								

Design 2028.582 actual 2022 lb To Add: 212.6 lb Water/Cement 0.432 A Water in Truck: 0.0 lb

WATER ADDED TO THIS LOAD			
TOTAL GAL. ADDED	WATER ADDED / APPROVED BY	SLUMP: 8.00	TESTED BY

WAS OUR DELIVERY ON TIME? YES ☐ NO ☐ CUSTOMER SIGNATURE X

DRIVERS-PLEASE COMPLETE

DRIVER COMMENTS:

TRUCK NO. 2372 DRIVER NAME MCCOLLOUGH, ERIC

DEPART PLANT	12:27 PM
ARRIVE JOB	1250a
START UNLOADING	1250
FINISH UNLOADING	
DEPART JOB	
RETURN PLANT	

GRANITE ROCK COMPANY - WEIGHMASTER

BY WeighMaster: DANNIE BURLEY DEPUTY

WEIGHED AT BRANCH NO. 331 | TAG NUMBER 592061

6968

PLEASE READ WARNING ON REVERSE SIDE

ORIGINAL - MAIN OFFICE

PALAMO VALLEY PRINTING (831) 722-2367

MEASURED AT:
SALINAS READY MIX PLANT
1351 Harkins Road, Sa
1-877-READYMIX
53681

DON CHAPIN COMPANY

DELIVERY TICKET
WEIGHMASTER CERTIFICATE

PRELIMINARY NOTICE IN ACCORDANCE WITH SEC. 1193 CALIF. CODE OF CIVIL PROCEDURE. TO WHOM IT MAY CONCERN:
You are hereby notified that we have furnished labor, service, equipment or material of the following general description, to the below named customer.

SOLD TO: 1365
BRADLEY & SONS INC
PREVIOUS TRUCK:. 100000

SHIP TO:
10 Sherwood Pl

PO#:. PW 525055

TIME	MIX NO.	LOAD SIZE	YARDS ORDERED	MAP PG.	TRUCK #	DRIVER	TICKET #
10:29 AM	SS103	6.00	6.00		1166	Hector Ramirez	301611
DATE	**PLANT**	**LOAD #**	**YARDS DEL.**	**BATCH #**	**WATER TRIM**	**USE**	**SLUMP REQ. 'ST.**
07/10/25	03	1	6.00		-12.00 gl		7.00 in

WARNING: Aggregate, Sand, Ready Mixed Concrete, and Precast Concrete products contain naturally occurring crystalline silica and other chemicals known to the State of California to cause cancer and or reproductive harm. Equipment used to handle, manufacture, transport, and place these products generate diesel fumes known to the State of California to cause cancer and or reproductive harm. Exposure to some or all of these chemicals occurs during product handling, manufacturing, transport, delivery, placing, and related construction activities. Prolonged exposure to and repeated inhalation of crystalline silica and or diesel fumes can cause progressive lung disease such as silicosis and some researchers have reported the exposure may cause lung cancer. To reduce your exposure to diesel fumes and crystalline silica, work in a well ventilated area and work with approved safety equipment such as dust and particle masks that are specifically designed to filter out microscopic particles and fumes. Always familiarize yourself with the hazards of the materials and equipment you are using and follow the precautions indicated on the product labels, Material Safety Sheets, and your health and safety training program. For more information, go to www.P65Warnings.ca.gov.

WARNING: IRRITATING TO THE SKIN AND EYES; Contains Portland Cement. Wear Rubber Boots and Gloves. PROLONGED CONTACT MAY CAUSE BURNS. Avoid contact with Eyes and prolonged contact with the Skin. In case of contact with Eyes or Skin, flush thoroughly with water. If irritation persists, get medical attention. KEEP CHILDREN AWAY.

NOTICE: READ OTHER SIDE BEFORE SIGNING

CUSTOMER HAS RECEIVED AND REVIEWED THIS DELIVERY TICKET/TERMS AND CONDITIONS. CUSTOMER AGREES TO THE TERMS AND CONDITIONS STATED HEREIN, INCLUDING ALL OF THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE.

By signing below, you are confirming the load was received in good order and per the Ticket. Multiple Tickets do not require multiple signatures (see reverse).

By signing below, you also acknowledge and agree to the PROPERTY DAMAGE RELEASE OF LIABILITY as set forth on the reverse of this Ticket.

Load Received By: X _____

Additional water added to this concrete will reduce its strength, and may cause excessive cracking. Any water added is at customer's own risk and will only be added as ordered by customer.

H_2O ADDED BY REQUEST _____ GAL.

WATER ADD AUTHORIZED BY: X _____

QUANTITY		CODE	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
6.00	yd3	SS103	10.3 SK SAND SLU		
6.00	ea	TRANS	TRANSPORTATION		
1.00	/L	FUEL2	FUEL SURCHARGE		
1.00	ea	ENV	ENVIRONMENTAL FEE		

LEFT PLANT	ARRIVE JOB	START UNLOAD	5 MINUTES PER YARD FREE UNLOADING TIME ALLOWED. ADDITIONAL UNLOADING TIME CHARGED AT CURRENT PREVAILING RATES.	
10:35	10:55			
FINISH UNLOAD	**LEAVE JOB**	**ARRIVE PLANT**	**STAND BY MINUTES**	**CYLINDER TEST TAKEN**
				☐ YES ☐ NO

SUBTOTAL:
PREV:.
TOTAL:

Material	Design Qty	Required	Batched	% Var	% Moisture	Actual	Wat
CONSAND	1821 lb	11493 lb	11620 lb	1.10%	5.19% M	69 gl	
TYPEII	968 lb	5808 lb	5780 lb	-0.48%			
WATER1	77.00 gl	322.05 gl	322.00 gl	-0.01%		322.00 gl	

Manual 10:25:33

Actual Load 20087 lb Num Batches: 1 Design W/C: 0.664 Water/Cement: 0.667 T Design 462.0 gl Actual 390.7 gl To Add: 7
Slump: 7.00 in Water in Truck: 0.0 gl Adjust Water: 0.0 gl / Load Trim Water: -12.0 gl / yd3

GEOF LANINI

WEIGHMASTER CERTIFICATE THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

THE DON CHAPIN CO. INC. BY X _____ DEPUTY WEIGHMASTER
Wet signed copy to office

DNCP-54 09/17

MEASURED AT:
SALINAS READY MIX PLANT
1351 Harkins Road, Salinas, CA 93901
1-877-READYMIX

DON CHAPIN COMPANY

DELIVERY TICKET
WEIGHMASTER CERTIFICATE

54809

PRELIMINARY NOTICE IN ACCORDANCE WITH SEC. 1193 CALIF. CODE OF CIVIL PROCEDURE: TO WHOM IT MAY CONCERN:
You are hereby notified that we have furnished labor, service, equipment or material of the following general description, to the below named customer.

SOLD TO:
1365
BRADLEY & SONS INC
PREVIOUS TRUCK:. 100000

SHIP TO:
36520 Mission Rd
Soledad

PO#:. PW 525055

TIME	MIX NO.	LOAD SIZE	YARDS ORDERED	MAP PG.	TRUCK #	DRIVER	TICKET #
10:00 AM	SS103	7.00	7.00		982	Johnny Cicneros	210112
DATE	PLANT	LOAD #	YARDS DEL.	BATCH #	WATER TRIM	USE	SLUMP REQ. 'ST.
09/18/25	02	1	7.00		-14.00 gl		7.00 in

WARNING: Aggregate, Sand, Ready Mixed Concrete, and Precast Concrete products contain naturally occurring crystalline silica and other chemicals known to the State of California to cause cancer and or reproductive harm. Equipment used to handle, manufacture, transport, and place these products generate diesel fumes known to the State of California to cause cancer and or reproductive harm. Exposure to some or all of these chemicals occurs during product handling, manufacturing, transport, delivery, placing, and related construction activities. Prolonged exposure to and repeated inhalation of crystalline silica and or diesel fumes can cause progressive lung disease such as silicosis and some researchers have reported the exposure may cause lung cancer. To reduce your exposure to diesel fumes and crystalline silica, work in a well ventilated area and work with approved safety equipment such as dust and particle masks that are specifically designed to filter out microscopic particles and fumes. Always familiarize yourself with the hazards of the materials and equipment you are using and follow the precautions indicated on the product labels, Material Safety Sheets, and your health and safety training program. For more information, go to www.P65Warnings.ca.gov.

WARNING: IRRITATING TO THE SKIN AND EYES; Contains Portland Cement. Wear Rubber Boots and Gloves. PROLONGED CONTACT MAY CAUSE BURNS. Avoid contact with Eyes and prolonged contact with the Skin. In case of contact with Eyes or Skin, flush thoroughly with water. If irritation persists, get medical attention. KEEP CHILDREN AWAY.

NOTICE: READ OTHER SIDE BEFORE SIGNING

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By signing below, you are confirming the load was received in good order and per the Ticket. Multiple Tickets do not require multiple signatures (see reverse).

By signing below, you also acknowledge and agree to the PROPERTY DAMAGE RELEASE OF LIABILITY as set forth on the reverse of this Ticket.

Load Received By: X _____

Additional water added to this concrete will reduce its strength, and may cause excessive cracking. Any water added is at customer's own risk and will only be added as ordered by customer.

H_2O ADDED BY REQUEST _____ GAL.

WATER ADD AUTHORIZED BY: X _____

QUANTITY		CODE	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
7.00	yd	SS103	10.3 SK SAND SLU		
7.00	ea	TRANS	TRANSPORTATION		
1.00	ea	FUEL2	FUEL SURCHARGE		
1.00	ea	ENV	ENVIRONMENTAL FEE		

LEFT PLANT	ARRIVE JOB	START UNLOAD	5 MINUTES PER YARD FREE UNLOADING TIME ALLOWED. ADDITIONAL UNLOADING TIME CHARGED AT CURRENT PREVAILING RATES.	
10:15	10:55	11:00		
FINISH UNLOAD	LEAVE JOB	ARRIVE PLANT	STAND BY MINUTES	CYLINDER TEST TAKEN
				☐ YES ☐ NO

SUBTOTAL:
PREV:.
TOTAL:

Material	Design Qty	Required	Batched	% Var	% Moisture	Actual	Wat
CONSAND	1821 lb	13396 lb	13420 lb	0.18%	5.09% M	78 gl	
TYPEII	968.0 lb	6776.0 lb	6800.0 lb	0.35%			
WATER1	77.00 gl	363.25 gl	364.00 gl	0.21%		364.00 gl	

Actual — Num Batches: 1
Design W/C: 0.664 — Water/Cement: 0.662 T
Slump: 7.00 in — Water in Truck: 0.0 gl
Actual W/C Ratio: 0.542 — Actual Water: 442 gl

Design 539.0 gl — Actual 441.9 gl — To Add: 97.1 gl — Manual 9:58:19
Adjust Water: 0.0 gl / Load — Trim Water: -14.0 gl / yd3
Batched Cement: 6800 lb — Allowable Water: 99 gl

Martin Renteria

WEIGHMASTER CERTIFICATE THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

THE DON CHAPIN CO. INC. BY X _____ DEPUTY WEIGHMASTER
Wet signed copy to office

DNCP-54 09/17

DELIVERY TICKET

WEIGHMASTER CERTIFICATE

DON CHAPIN COMPANY

MEASURED [illegible]
HOLLISTER READY MIX PLANT
2735 Bolsa Road, Hollister, CA 95023
1-877-READYMIX

53786

PRELIMINARY NOTICE IN ACCORDANCE WITH SEC. 1193 CALIF. CODE OF CIVIL PROCEDURE. TO WHOM IT MAY CONCERN:
You are hereby notified that we have furnished labor, service, equipment or material of the following general description, to the below named customer.

SOLD TO: 1365
BRADLEY & SONS INC
PREVIOUS TRUCK: .

SHIP TO:
1056 San Juan Grade Rd
Salinas

PO#: . PW 525055

TIME	MIX NO.	LOAD SIZE	YARDS ORDERED	MAP PG.	TRUCK #	DRIVER	TICKET #
10:04 AM	SS103	6.00	6.00		1021	Kenny Vincelet	104918
DATE	PLANT	LOAD #	YARDS DEL	BATCH #	WATER TRIM	USE	SLUMP REQ. ST
07/18/25	01	1	6.00		-14.00 gl		7.00 in

WARNING: Aggregate, Sand, Ready Mixed Concrete, and Precast Concrete products contain naturally occurring crystalline silica and other chemicals known to the State of California to cause cancer and or reproductive harm. Equipment used to handle, manufacture, transport, and place these products generate diesel fumes known to the State of California to cause cancer and or reproductive harm. Exposure to some or all of these chemicals occurs during product handling, manufacturing, transport, delivery, placing, and related construction activities. Prolonged exposure to and repeated inhalation of crystalline silica and or diesel fumes can cause progressive lung disease such as silicosis and some researchers have reported the exposure may cause lung cancer. To reduce your exposure to diesel fumes and crystalline silica, work in a well ventilated area and work with approved safety equipment such as dust and particle masks that are specifically designed to filter out microscopic particles and fumes. Always familiarize yourself with the hazards of the materials and equipment you are using and follow the precautions indicated on the product labels, Material Safety Sheets, and your health and safety training program. For more information, go to www.P65Warnings.ca.gov.

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NOTICE: READ OTHER SIDE BEFORE SIGNING

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By signing below, you also acknowledge and agree to the PROPERTY DAMAGE RELEASE OF LIABILITY as set forth on the reverse of this Ticket.

Load Received By: X _____

Additional water added to this concrete will reduce its strength, and may cause excessive cracking. Any water added is at customer's own risk and will only be added as ordered by customer.

H2O ADDED BY REQUEST _____ GAL

WATER ADD AUTHORIZED BY: X _____

QUANTITY		CODE	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
6.00	yd	SS103	10.3 SK SAND SLU		
1.00	MO	PWCHG	PREVAILING WAGE CHARGE		
6.00	ea	TRANS	TRANSPORTATION		
1.00	ea	FUEL2	FUEL SURCHARGE		
1.00	ea	ENV	ENVIRONMENTAL FEE		

LEFT PLANT	ARRIVE JOB	START UNLOAD	5 MINUTES PER YARD FREE UNLOADING TIME ALLOWED. ADDITIONAL UNLOADING TIME CHARGED AT CURRENT PREVAILING RATES	
1015				
FINISH UNLOAD	LEAVE JOB	ARRIVE PLANT	STAND BY MINUTES	CYLINDER TEST TAKEN
				☐ YES ☐ NO

SUBTOTAL:

PREV: .

TOTAL:

Material	Design Qty	Required	Batched	% Var	% Moisture	Actual	Wat
CONSAND	1921 lb	11479 lb	11440 lb	-0.34%	5.06% M	66 gl	
TYPE3	968.0 lb	5808.0 lb	5795.0 lb	-0.22%			
WATER1	77.00 gl	311.75 gl	313.00 gl	0.40%		313.00 gl	

Actual
Load: 19647 lb
Slump: 7.00 in
Actual W/C Ratio: 0.548

Num Batches: 1
Actual: 379.0 gl
Water in Truck: 0.0 gl
Actual Water: 379 gl
To Add: 83.0 gl
Adjust Water: 0.0 gl / Load
Batched Cement: 5795 lb
Trim Water: -14.0 gl / yd3
Allowable Water: 61 gl
Max_Allow 61.0 gl

KYLE GALIEN

WEIGHMASTER CERTIFICATE I HEREBY CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on the certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 commencing with Section 12700 of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

THE DON CHAPIN CO. INC. BY: X _____ DEPUTY WEIGHMASTER
Not signed copy to office

DNOP-53 (9/07)

Page ___ of ___

MONTGOMERY

MEASURED AT:
SALINAS READY MIX PLANT
1351 Harkins Road, Salinas, CA 93901
1-877-READYMIX
53251

DON CHAPIN COMPANY

DELIVERY TICKET

WEIGHMASTER CERTIFICATE

PRELIMINARY NOTICE IN ACCORDANCE WITH SEC. 1193 CALIF. CODE OF CIVIL PROCEDURE: TO WHOM IT MAY CONCERN:
You are hereby notified that we have furnished labor, service, equipment or material of the following general description, to the below named customer.

SOLD TO: 1365
BRADLEY & SONS INC
PREVIOUS TRUCK:. 100000

SHIP TO:
6241 Echo Valley Ct

PO#:. PW525055

TIME	MIX NO.	LOAD SIZE	YARDS ORDERED	MAP PG.	TRUCK #	DRIVER	TICKET #
10:10 AM	SS103	5.00	5.00		1163	Troy Stokes	301319
DATE	PLANT	LOAD #	YARDS DEL.	BATCH #	WATER TRIM	USE	SLUMP REQ. 'ST.
06/05/25	03	1	5.00		0.00 gl		7.00 in

WARNING: Aggregate, Sand, Ready Mixed Concrete, and Precast Concrete products contain naturally occurring crystalline silica and other chemicals known to the State of California to cause cancer and or reproductive harm. Equipment used to handle, manufacture, transport, and place these products generate diesel fumes known to the State of California to cause cancer and or reproductive harm. Exposure to some or all of these chemicals occurs during product handling, manufacturing, transport, delivery, placing, and related construction activities. Prolonged exposure to and repeated inhalation of crystalline silica and or diesel fumes can cause progressive lung disease such as silicosis and some researchers have reported the exposure may cause lung cancer. To reduce your exposure to diesel fumes and crystalline silica, work in a well ventilated area and work with approved safety equipment such as dust and particle masks that are specifically designed to filter out microscopic particles and fumes. Always familiarize yourself with the hazards of the materials and equipment you are using and follow the precautions indicated on the product labels, Material Safety Sheets, and your health and safety training program. For more information, go to www.P65Warnings.ca.gov.

WARNING: IRRITATING TO THE SKIN AND EYES; Contains Portland Cement. Wear Rubber Boots and Gloves. PROLONGED CONTACT MAY CAUSE BURNS. Avoid contact with Eyes and prolonged contact with the Skin. In case of contact with Eyes or Skin, flush thoroughly with water. If irritation persists, get medical attention. KEEP CHILDREN AWAY.

NOTICE: READ OTHER SIDE BEFORE SIGNING

CUSTOMER HAS RECEIVED AND REVIEWED THIS DELIVERY TICKET/TERMS AND CONDITIONS. CUSTOMER AGREES TO THE TERMS AND CONDITIONS STATED HEREIN, INCLUDING ALL OF THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE.

By signing below, you are confirming the load was received in good order and per the Ticket. Multiple Tickets do not require multiple signatures (see reverse).

By signing below, you also acknowledge and agree to the PROPERTY DAMAGE RELEASE OF LIABILITY as set forth on the reverse of this Ticket.

Load Received By: X _____

Additional water added to this concrete will reduce its strength, and may cause excessive cracking. Any water added is at customer's own risk and will only be added as ordered by customer.

H_2O ADDED BY REQUEST _____ GAL.

WATER ADD AUTHORIZED BY: X _____

QUANTITY		CODE	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
5.00	yd3	SS103	10.3 SK SAND SLU		
1.00	ea	PWCHG	PREVAILING WAGE CHARGE		
1.00	ea	PWFEE	PREVAILING WAGE JOB SET U		
5.00	ea	TRANS	TRANSPORTATION		
1.00	/L	FUEL2	FUEL SURCHARGE		
1.00	ea	ENV	ENVIRONMENTAL FEE		

LEFT PLANT	ARRIVE JOB	START UNLOAD	5 MINUTES PER YARD FREE UNLOADING TIME ALLOWED. ADDITIONAL UNLOADING TIME CHARGED AT CURRENT PREVAILING RATES.	
1015	10:55			
FINISH UNLOAD	LEAVE JOB	ARRIVE PLANT	STAND BY MINUTES	CYLINDER TEST TAKEN
				☐ YES ☐ NO

SUBTOTAL:

PREV:.

TOTAL:

Material	Design Qty	Required	Batched	% Var	% Moisture	Actual	Wat
CONSAND	1821 lb	9387 lb	9380 lb	-0.08%	3.10% M	34 gl	
TYPEII	968 lb	4840 lb	4835 lb	-0.10%			
WATER1	77.00 gl	337.18 gl	337.00 gl	-0.05%		337.00 gl	

Manual 10:07:03

Actual Num Batches: 1
Load 17027 lb Design W/C: 0.664 Water/Cement: 0.665 T Design 385.0 gl Actual 370.8 gl To Add:
Slump: 7.00 in Water in Truck: 0.0 gl Adjust Water: -14.0 gl / Load Trim Water: 0.0 gl / yd3

GEOF LANINI

WEIGHMASTER CERTIFICATE THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a [illegible] authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) [illegible]

THE DON CHAPIN CO. INC. BY X _____ DEPUTY WEIGHMASTER

Wet signed copy to office

DNCP-54 09/17

Ollie, Mason

Date	Sales Order #	Cust. P.O. #
10/3/2025	237452	

Plant	Truck	Driver
Ring City	1053	Bilecki, Ty

Bradly Son's
5599945704
COD
CUSTOMER JOB #

Ship to:
bradly rd x bare cyn

DUE ON JOB: 11:00
TIME BATCHED: 09:58

QUANTITY	UNITS	DESCRIPTION		PRICE PER	AMOUNT
9.00	CY	10.5SS	10.5 SK SAND SLURRY	235.00	2,115.00
1.00	Each	ENVIR	ENVIRO SURCHARGE	40.00	40.00
1.00	Each	FS	FUEL SURCHARGE	50.00	50.00
			Shortload Fee		0.00

Water Added on job		Water Addition Authorized By		Sales Tax	189.44
				Sub-total	2,205.00

Depart Plant	Arrive at Job	Start Unload	Stop Unload	Depart Job	Return Plant	Standby Minutes	Standby Charge

Sales Order Total	2,394.44
Grand Total	2,394.44
Total Shipped	9.00

Driver Comments - Please fill out

Was your delivery on time (please circle one) yes no

PLEASE READ WARNING ON REVERSE SIDE

As part of our commitment to provide our customers with the highest quality concrete products according to ASTM and ACI specifications, we are providing the following batch weight information for this sales order.

By signing you agree to all terms of agreement which are contained on the back page

X

Customer signature

MATERIAL DESCRIPTION	TARGET	ACTUAL
HCQ SAND	19,652.00	19,520.00
CEMENT II/V	7,110.00	7,110.00
SRMG FLYASH	1,773.00	1,780.00
CITY WATER	0.00	0.00
WATER	431.00	430.00

MOISTURE 0.0483

TARGET W/C % 0.00

ACTUAL W/C % 0.5097

MAX WAT 2.33

TAG # 237452

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmster whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Buisness and Professions Code, administerd by the Division of Measurement Standards of the California Department of Food and Agriculture

By SBS Deputy Weighmaster

SBS Aggregate Supplies

Dispatch: 866-789-MUDD (6833)

Website WWW.SBS-CAS.COM

Accounting 1060 Nash Rd., Hollister, CA 95023, telephone: 831-637-6872, fax:831-637-6125

Hollister	King City	Paso Robles	Quarry Greenfield
1060 Nash Rd 831-637-5526	1091 Industrial 831-385-0977	275 Marquita 805-434-2043	38755 Metz Road 866-789-6833
Salinas	**Soledad**	**Watsonville**	**Portable Plant**
54 Summer St. 831-757-4557	32340 Silman Rd 831-678-9300	33 Riverside Rd 831-724-6262	Customer Jobsite 866-789-6833

Date	Sales Order #	Cust. P.O. #
10/23/2025	544241	
Plant	**Truck**	**Driver**
Paso Robles	1054	CORDES, DAVID

Sold to

BRADLEY AND SONS

COD

CUSTOMER JOB #

Ship to

77000 RANCHITA CANYON RD

SAN MIGUEL

DUE ON JOB: 10:00 AM

TIME BATCHED: 9:09 AM

QUANTITY	UNITS	DESCRIPTION		PRICE PER	AMOUNT
9.00	CY	10.5SS	10.5 SK SAND SLURRY	$235.00	$2,115.00
1.00	EACH	ENVIR	ENVIRO SURCHARGE	$40.00	$40.00
1.00	EACH	FS	FUEL SURCHARGE	$50.00	$50.00
1.00	EACH	AB 219	PREVAILING WAGE - PER LOAD	$100.00	$100.00

Cylinders taken | Water Added on Job | Water Addition Authorized By

Depart Plant	Arrive at Job	Start Unload	Stop Unload	Depart Job	Return Plant	Standby Minutes

Sales Tax	$189.44
Sub-total	$2,305.00
Standby Charge	
Sales Order total	$2,494.44
Grand Total	$2,494.44

Total Shipped 9.00

PLEASE READ WARNING LABEL ON REVERSE SIDE

Driver Comments - Please fill out

Was your delivery on time (please circle one) yes no

As part of our commitment to provide our customers with the highest quality concrete products according to ASTM and ACI specifications, we are providing the following batch weight information for this sales order.

Shipped and Sold by San Benito Supply

X _____

Customer Signature

Truck	Driver	User	Disp Ticket Num	Ticket ID	Time	Date
1054	DC	user	544241	20292	8:52	10/23/

Load Size	Mix Code	Returned	Qty	Mix Age	Seq	Load ID
9.00 CY	10.5SS				D	21706

Material	Design Qty	Required	Batched	% Var	% Moisture	Actual	Wat
SAND 1	2195 lb	20326 lb	20040 lb	-1.41%	2.89% E		68 gl
CEMENT 1	987.0 lb	8883.0 lb	8875.0 lb	-0.09%			
WATER 1	500.70 lb	3559.29 lb	3535.00 lb	-0.68%		423.61 gl	

Actual
Load 32450 lb
Slump 8.00 in
Actual W/C Ratio: 0.462

Num Batches: 1
Design W/C: 0.507
Water in Truck: 0.0 gl
Actual Water: 491 gl

Water/Cement: 0.508 T
Adjust Water: 0.0 gl / Load
Batched Cement: 8875 lb

Design 540.0 gl
Trim Water: -5.0 gl / CY
Allowable Water 48 gl

Actual 491.1 gl
Manual 491.1 gl
To Add 8 51.67 #

DATE	WORK DESCRIPTION
4/23/2025	Stake Borehole Locations.
5/12/2025	Underground Utility Locating.
5/27/2025	Mobilize to L-GWL-4.
5/28/2025	Hand clear L-GWL-4 borehole location. Advance L-GWL-4 to 200 feet bgs.
5/29/2025	Drill to 350 feet bgs.
5/30/2025	Drill to 408 feet bgs. Conduct geophysical and caliper logs.
6/2/2025	Conduct clean-out pass. Install tremie pipe to bottom of borehole.
6/3/2025	Install casing/screen, filter pack, and bentonite transition seal.
6/4/2025	Install high solids bentonite grout.
6/5/2025	Pour sanitary seal.
6/6/2025	Open ended airlifting.
6/9/2025	Mobilize to ES-1A. Hand clear borehole location. Drill to 300 feet bgs. Open ended airlifting at L-GWL-4.
6/10/2025	Open ended airlifting at L-GWL-4. Drill to 540 feet bgs at ES-1A.
6/11/2025	Drill to 1,040 feet bgs at ES-1A
6/12/2025	Drill to 1,300 feet bgs at ES-1A. Conduct geophysical and deviation logs.
6/13/2025	No work. Waiting on well design approval.
6/16/2025	Begin ream pass at ES-1A.
6/17/2025	Continue ream pass at ES-1A. Airlift/swabbing at L-GWL-4.
6/18/2025	Conduct caliper log at ES-1A, install casing/screen, filter pack, and bentonite transition seal. Airlift/swabbing at L-GWL-4.
6/19/2025	Pour sanitary seal at ES-1A.
6/20/2025	Airlift/swabbing at L-GWL-4. Open-ended airlifting at ES-1A.
6/23/2025	Hand clear ES-1B borehole location. Drill to 180 feet bgs. Open-ended airlifting at ES-1A.
6/24/2025	Advance ES-1B borehole to 460 feet bgs. Airlift/swab ES-1A.
6/25/2025	Advance ES-1B borehole to 510 feet bgs. Conduct caliper and deviation logs. Install casing/screen, filter pack, and bentonite transition seal. Airlift/swab ES-1A.
6/26/2025	Install high solids bentonite grout at ES-1B. Construct above ground well monument surface completion at L-GWL-4. Airlift/swab ES-1A.
6/27/2025	Pour sanitary seal at ES-1B.
6/30/2025	Airlift/swab at ES-1B.
7/1/2025	Airlift/swab at ES-1B. Hand clear ES-1C borehole location.
7/2/2025	No work. Development completed
7/3/2025	No work. Development completed
7/4/2025	No work. 4th of July holiday.
7/7/2025	Hand clear ES-1C borehole location. Drill ES-1C borehole to 200 feet bgs.
7/8/2025	Advance ES-1C borehole to 270 feet bgs. Conduct caliper log.
7/9/2025	Conduct clean-out pass. Install casing/screen, filter pack, and bentonite transition seal at ES-1C.
7/10/2025	Pour sanitary seal at ES-1C.
7/11/2025	Open-ended airlifting at ES-1C.

7/14/2025	Hand clear L-GWL-1 borehole.
7/15/2025	Advance L-GWL-1 borehole to 130 feet bgs. Open-ended airlifting at ES-1C.
7/16/2025	Advance L-GWL-1 borehole to 171 feet bgs. Conduct geophysical and caliper logs. Open-ended airlifting at ES-1C. Install surface completion at ES-1C.
7/17/2025	Conduct clean-out pass. Install casing/screen, filter pack, and bentonite transition seal at L-GWL-1.
7/18/2025	Pour sanitary seal at L-GWL-1.
7/21/2025	No work, crew from Bradley not on-site.
7/22/2025	Open-ended airlifting and airlift and swab at L-GWL-1.
7/23/2025	Airlift and swab at L-GWL-1.
7/24/2025	No work.
7/25/2025	No work.
7/28/2025	No work.
7/29/2025	Airlift and swab at L-GWL-1.
7/30/2025	Advance M-GWL-1 borehole to 660 feet bgs.
7/31/2025	Conduct pump development at ES-1A.
8/1/2025	Conduct pump development at ES-1A.
8/4/2025	No work.
8/5/2025	No work.
8/6/2025	No work.
8/7/2025	No work.
8/8/2025	No work.
8/11/2025	No work.
8/12/2025	No work.
8/13/2025	Hand clear F-ISW-1 borehole location. Advance F-ISW-1 borehole to 80 feet bgs.
8/14/2025	Advance F-ISW-1 borehole to 200 feet bgs. Conduct geophysical and caliper logs at F-ISW-1.
8/15/2025	No work.
8/18/2025	Conduct clean-out pass. Install casing/screen, filter pack, and bentonite transition seal at F-ISW-1.
8/19/2025	Pour sanitary seal at F-ISW-1.
8/20/2025	No work.
8/21/2025	Conduct open-ended airlifting at F-ISW-1.
8/22/2025	Conduct open-ended airlifting at F-ISW-1.
8/25/2025	Hand clear F-DA-1 borehole. Advance F-DA-1 borehole to a depth of 110 feet bgs.
8/26/2025	Advance F-DA-1 borehole to 500 feet bgs. Conduct open-ended airlifting at F-ISW-1.
8/27/2025	Advance F-DA-1 borehole to 740 feet bgs.
8/28/2025	Conduct fishing operation to retrieve stuck weight collar and bit from 720-740 feet bgs.

8/29/2025	No work.
9/1/2025	No work. Labor Day.
9/2/2025	No work. Making decision to attempt to drill deeper at F-DA-1.
9/3/2025	Pump development at L-GWL-4.
9/4/2025	Advance F-DA-1 borehole to 780 feet bgs.
9/5/2025	No drilling, crew from Bradley repairing mud pump.
9/8/2025	Pump development at ES-1C. Collect groundwater sample for water quality analysis.
9/9/2025	Pump development at ES-1B. Collect groundwater sample for water quality analysis. Pump development at ES-1A . Collect groundwater sample for water quality analysis. Advance F-DA-1 borehole to 960 feet bgs.
9/10/2025	Advance F-DA-1 borehole to 1,140 feet bgs.
9/11/2025	Advance F-DA-1 borehole to total depth of 1,300 feet bgs.
9/12/2025	Conduct geophysical and caliper logs at F-DA-1.
9/15/2025	Conduct clean-out pass and prepare for well construction activities at F-DA-1.
9/16/2025	Install casing/screen, filter pack, and bentonite transition seal at F-DA-1.
9/17/2025	Install high solids bentonite grout at F-DA-1.
9/18/2025	Pour sanitary seal at F-DA-1. Collect groundwater samples for water quality analysis at L-GWL-4 and L-GWL-1.
9/19/2025	Open-ended airlifting at F-DA-1.
9/22/2025	Open-ended airlifting and airlift swabbing at F-DA-1.
9/23/2025	Complete airlift swabbing at F-DA-1.
9/24/2025	Mobilize to UV GWL-3. Collect groundwater sample at M-GWL-1.
9/25/2025	Hand clear UV-GWL-3 borehole. Advance UV-GWL-3 borehole to a depth of 140 feet bgs.
9/26/2025	Advance UV-GWL-3 borehole to a depth of 220 feet bgs.
9/29/2025	Advance UV-GWL-3 borehole to a depth of 340 feet bgs.
9/30/2025	Advance UV-GWL-3 borehole to a total depth of 500 feet bgs. Conduct geophysical and caliper logs at UV-GW-3. Pump development at F-DA-1.
10/1/2025	Conduct clean-out pass. Install casing/screen, filter pack, and bentonite transition seal at UV-GWL-3.
10/2/2025	Pump development at F-DA-1. Collect groundwater sample for water quality analysis.
10/3/2025	Pour sanitary seal at UV-GWL-3.
10/6/2025	Hand clear UV-GWL-2 borehole.
10/7/2025	Open-ended airlifting and airlift swabbing at UV-GWL-3.
10/8/2025	Advance UV-GWL-2 borehole to a depth of 170 feet bgs.
10/9/2025	Advance UV-GWL-2 borehole to a depth of 240 feet bgs.
10/10/2025	Advance UV-GWL-2 borehole to a depth of 350 feet bgs.
10/13/2025	Advance UV-GWL-2 borehole to a depth of 460 feet bgs.
10/14/2025	Advance UV-GWL-2 borehole to a depth of 560 feet bgs.

10/15/2025	Advance UV-GWL-2 borehole to total depth of 700 feet bgs.
10/16/2025	Conduct geophysical and caliper logs at UV-GW-2.
10/17/2025	No work.
10/20/2025	Conduct clean-out pass and prepare for well construction activities at UV-GWL-2. Drill and construct F-ISW-3.
10/21/2025	Pour sanitary seal at F-ISW-3. Install casing/screen, filter pack, and bentonite transition seal at UV-GWL-2. Drill and construct F-ISW-2. Pour sanitary seal at F-ISW-2.
10/22/2025	Drill borehole for UV-ISW-2. Install high solids bentonite grout at UV-GWL-2. Airlift development at F-ISW-3.
10/23/2025	Drill and construct ES-ISW-1. Pour sanitary seal at ES-ISW-1. Pour sanitary seal at UV-GWL-2. Airlift development at F-ISW-2. Destroy UV-ISW-2 borehole. Drill and construct UV-ISW-2.
10/24/2025	Airlift development at UV-ISW-2.
10/27/2025	No work. Setting up for well development
10/28/2025	Open-ended airlifting and airlift swabbing at UV-GWL-2.
10/29/2025	M&A staff collect groundwater samples at UV-GWL-2 and UV-GWL-3.

Appendix B

Land Surveyor Data Sheets

SVBGSA WELLS #3 As Built W Ground Elev

PT. NO.	Northing	Easting	Elevation (1988)	Ground Elevation	Description
100	2143386.176	5785484.851	49.152	46.93	ES-1B
101	2143339.514	5785453.585	49.073	46.89	ES-1A
102	2143433.251	5785515.392	49.343	47.17	ES-1C
103	2169108.721	5796779.013	220.647	218.64	ES-ISW-1
104	2180073.712	5803560.013	312.522	310.60	L-GWL-1
105	2192892.418	5791617.502	471.552	469.74	L-GWL-4
112	2053365.58	5857570.531	143.364	141.90	F-ISW-3
114	2034677.035	5864869.398	245.026	242.95	F-DA-1
118	2095848.684	5770486.157	669.759	668.02	M-GWL-1
120	1908613.104	5993453.752	407.143	404.80	UV-ISW-2
122	2014098.945	5913164.884	228.547	226.70	F-ISW-2
124	1996101.956	5878555.914	481.16	479.13	F-ISW-1
2	1846551.58	6045419.634	900.975	898.94	UV-GWL-3
11	1816230.088	6099192.531	1312.161	1309.91	UV-GWL-2

CONTROL COORDINATES

81	2136535.538	5789485.777	64.472		SLN5 CSRC
85	2014851.145	5897511.395	277.704		GRN5 CSRC
717	1939583.648	6006901.895	1416.209		P288 CSRC GPS ONLY
3203	2263882.585	5814126.894	222.997		Gilroy Smartnet
3213	2106278.84	5733722.35	282.847		Monterey Smartnet
3295	1694942.35	6069103.238	980.461		Atascadero Smartnet

Coordinates are NAD 83 (2011) California State Plane Coordinates, Zone 4

Reference Frame: CSRN Epoch 2025.00 NAD83(2011)

Elevations are NAVD 1988

Ground elevations are on top of the concrete pad at each well.

Elevation is at the top of casing on the north side.

Lynn A Kovach

Appendix C

Laboratory Reports

MONTEREY COUNTY HEALTH DEPARTMENT

Consolidated Chemistry Laboratory
1270 Natividad Road Salinas, CA 93906
Phone (831)755-4516 Fax (831)755-4652
ELAP Certification Number 1395

Analytical Report

Montgomery & Associates
201 Hoffman Ave. Suite 9
Monterey, CA 93940

Attn: Abby Ostovar

 Monday, September 22, 2025

Lab Number: **AC97814** **Client Code:** **MONTGOMERY**

Sample Site ES-1C-9-8-25 SHERWOOD SALINAS
Source Code
Other ID

Collection Date/Time 09/08/2025 14:15
Submittal Date/Time 09/08/2025 15:12
Sample Collector KEICHER P

Sample Comments: Special Drinking Water. Receiving temperature 17.4ºC.

Analyte	Method	Unit	**Result**	MCL	DLR	PQL	Analysis Start Date Time
adjusted Sodium Adsorption Ratio	UC Davis1993		**1.58**		N/A		09/21/2025 13:30
Agriculture-Conductivity	SM2510B	dS/m	**0.57**		N/A	.1	09/12/2025 07:39
Arsenic (As)	EPA200.8 REV 5.4	ug/L	**3**	10*	2	0.5	09/12/2025 12:30
Bicarbonate Alkalinity (as HCO3)	Calculated	mg/L	**183.0**		N/A	1.0	09/08/2025 15:37
Boron (B)	EPA200.8 REV 5.4	ug/L	**<50**	1000 NL	100	50	09/12/2025 12:30
Calcium (Ca)	EPA200.7	mg/L	**44**		N/A	1.0	09/19/2025 13:30
Carbonate Alkalinity (as CO3)	Calculated	mg/L	**<1**		N/A	1.0	09/08/2025 15:37
Cl (Chloride)	EPA300.0	mg/L	**74**	250**	N/A	0.5	09/09/2025 13:36
Conductivity @ 25C	SM2510 B-2011	umho/cm	**570**	900**	N/A	2	09/12/2025 07:39
Hardness	SM2340 B-2011	mg/L	**176**		N/A	1.7	09/21/2025 11:42
Iron	EPA200.7	ug/L	**1420**	300**	100	100	09/19/2025 13:30
Magnesium (Mg)	EPA200.7	mg/L	**16**		N/A	0.1	09/19/2025 13:30
Manganese (Mn)	EPA200.7	ug/L	**40**	50**	20	1	09/19/2025 13:30
Nitrate Nitrogen	EPA300.0	mg/L	**1.3**	10	0.4	0.1	09/09/2025 13:36
Nitrite as nitrogen	SM4500 NO2 B-2011	mg/L	**<0.05**	1.0*	0.4	0.05	09/09/2025 14:11
NO3 (Nitrate)	EPA300.0	mg/L	**5.6**	45*	2.0	0.5	09/09/2025 13:36
pH (Laboratory)	SM4500H+ B-2011	pH	**6.4**	6.5-8.5**	N/A	0.1	09/08/2025 15:37
Potassium (K)	EPA200.7	mg/L	**2.6**		N/A	0.1	09/19/2025 13:30
SO4 (Sulfate)	EPA300.0	mg/L	**18**	250**	0.5	0.5	09/09/2025 13:36
Sodium (Na)	EPA200.7	mg/L	**45**		N/A	1	09/19/2025 13:30
Sodium Adsorption Ratio (SAR)	L.V. Wilcox		**1.46**		N/A	N/A	09/21/2025 13:30
Total Alkalinity (as CaCO3)	SM2320 B-2011	mg/L	**150**		N/A	2	09/08/2025 15:37

AC97814 9/22/25 9:50

mg/L : Milligrams per liter (=ppm) ug/L : Micrograms per liter (=ppb) * : Primary Standards
MCL: Maximum Contaminant Level DLR: Detection Limit for Reporting PQL: Practical Reporting Level ** : Secondary Standards
NL: Notification Level ND : Not Detected N/A : Not Applicable *** : Action Level

Total Dissolved Solids (TDS)	SM2540 C-2015	mg/L	**355**	500**	N/A	5	09/11/2025 09:32

Qualifier(s) / Notes:
pH: The recommended holding time for this analysis is only 15 minutes. The sample was analyzed as soon as it was possible but it was received and analyzed past holding time.

Report approved by

Donna Ferguson, Ph.D., P.H.M.
Laboratory Director

AC97814 9/22/25 9:50

mg/L : Milligrams per liter (=ppm) ug/L : Micrograms per liter (=ppb) * : Primary Standards
MCL: Maximum Contaminant Level DLR: Detection Limit for Reporting PQL: Practical Reporting Level ** : Secondary Standards
NL: Notification Level ND : Not Detected N/A : Not Applicable *** : Action Level

MONTEREY COUNTY HEALTH DEPARTMENT

Consolidated Chemistry Laboratory
1270 Natividad Road Salinas, CA 93906
Phone (831)755-4516 Fax (831)755-4652
ELAP Certification Number 1395

Analytical Report

Montgomery & Associates
201 Hoffman Ave. Suite 9
Monterey, CA 93940

Attn: Abby Ostovar

 Monday, September 29, 2025

Lab Number: **AC97906** **Client Code:** **MONTGOMERY**

Sample Site: ES-1B-9-9-2025 - SHERWOOD, SALINAS
Source Code
Other ID

Collection Date/Time: 09/09/2025 10:00
Submittal Date/Time: 09/09/2025 15:59
Sample Collector: KEICHER P

Sample Comments: Special Drinking Water. Receiving temperature 3.2 ºC.

Analyte	Method	Unit	**Result**	MCL	DLR	PQL	Analysis Start Date Time
adjusted Sodium Adsorption Ratio	UC Davis1993		**2.62**		N/A		09/21/2025 13:30
Agriculture-Conductivity	SM2510B	dS/m	**1.8**		N/A	.1	09/12/2025 08:03
Arsenic (As)	EPA200.8 REV 5.4	ug/L	**2**	10*	2	0.5	09/12/2025 12:30
Bicarbonate Alkalinity (as HCO3)	Calculated	mg/L	**528.3**		N/A	1.0	09/09/2025 16:16
Boron (B)	EPA200.8 REV 5.4	ug/L	**185**	1000 NL	100	50	09/12/2025 12:30
Calcium (Ca)	EPA200.7	mg/L	**162**		N/A	1.0	09/19/2025 13:30
Carbonate Alkalinity (as CO3)	Calculated	mg/L	**<1**		N/A	1.0	09/09/2025 16:16
Cl (Chloride)	EPA300.0	mg/L	**197**	250**	N/A	1	09/10/2025 09:31
Conductivity @ 25C	SM2510 B-2011	umho/cm	**1780**	900**	N/A	4	09/12/2025 08:03
Hardness	SM2340 B-2011	mg/L	**627**		N/A	1.7	09/21/2025 11:50
Iron	EPA200.7	ug/L	**<100**	300**	100	100	09/19/2025 13:30
Magnesium (Mg)	EPA200.7	mg/L	**54**		N/A	1	09/19/2025 13:30
Manganese (Mn)	EPA200.7	ug/L	**16**	50**	20	1	09/19/2025 13:30
Nitrate Nitrogen	EPA300.0	mg/L	**5.2**	10	0.4	0.2	09/10/2025 09:31
Nitrite as nitrogen	SM4500 NO2 B-2011	mg/L	**<0.05**	1.0*	0.4	0.05	09/10/2025 12:33
NO3 (Nitrate)	EPA300.0	mg/L	**23**	45*	2.0	1	09/10/2025 09:31
pH (Laboratory)	SM4500H+ B-2011	pH	**6.6**	6.5-8.5**	N/A	0.1	09/09/2025 16:16
Potassium (K)	EPA200.7	mg/L	**4.4**		N/A	0.1	09/19/2025 13:30
SO4 (Sulfate)	EPA300.0	mg/L	**153**	250**	0.5	1	09/10/2025 09:31
Sodium (Na)	EPA200.7	mg/L	**111**		N/A	1	09/19/2025 13:30
Sodium Adsorption Ratio (SAR)	L.V. Wilcox		**1.90**		N/A	N/A	09/21/2025 13:30
Total Alkalinity (as CaCO3)	SM2320 B-2011	mg/L	**433**		N/A	2	09/09/2025 16:16

AC97907 9/29/25 8:30

mg/L : Milligrams per liter (=ppm) ug/L : Micrograms per liter (=ppb) * : Primary Standards
MCL: Maximum Contaminant Level DLR: Detection Limit for Reporting PQL: Practical Reporting Level ** : Secondary Standards
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Total Dissolved Solids (TDS)	SM2540 C-2015	mg/L	**1090**	500**	N/A	5	09/11/2025 09:32

Lab Number: **AC97907** **Client Code:** **MONTGOMERY**

Sample Site ES-1A-9-9-2025 - SHERWOOD, SALINAS
Source Code
Other ID

Collection Date/Time 09/09/2025 15:45
Submittal Date/Time 09/09/2025 15:59
Sample Collector KEICHER P

Sample Comments: Special Drinking Water. Receiving temperature 14.9 ºC.

Analyte	Method	Unit	**Result**	MCL	DLR	PQL	Analysis Start Date Time
adjusted Sodium Adsorption Ratio	UC Davis1993		**2.00**		N/A		09/21/2025 13:30
Agriculture-Conductivity	SM2510B	dS/m	**0.60**		N/A	.1	09/12/2025 08:03
Arsenic (As)	EPA200.8 REV 5.4	ug/L	**5**	10*	2	0.5	09/27/2025 11:30
Bicarbonate Alkalinity (as HCO3)	Calculated	mg/L	**201.3**		N/A	1.0	09/09/2025 16:35
Boron (B)	EPA200.8 REV 5.4	ug/L	**91**	1000 NL	100	50	09/27/2025 11:30
Calcium (Ca)	EPA200.7	mg/L	**42**		N/A	0.10	09/19/2025 13:30
Carbonate Alkalinity (as CO3)	Calculated	mg/L	**<1**		N/A	1.0	09/09/2025 16:35
Cl (Chloride)	EPA300.0	mg/L	**36**	250**	N/A	0.5	09/10/2025 09:45
Conductivity @ 25C	SM2510 B-2011	umho/cm	**595**	900**	N/A	2	09/12/2025 08:03
Hardness	SM2340 B-2011	mg/L	**179**		N/A	1.7	09/21/2025 11:52
Iron	EPA200.7	ug/L	**5310**	300**	100	1000	09/19/2025 13:30
Magnesium (Mg)	EPA200.7	mg/L	**18**		N/A	0.1	09/19/2025 13:30
Manganese (Mn)	EPA200.7	ug/L	**102**	50**	20	1	09/19/2025 13:30
Nitrate Nitrogen	EPA300.0	mg/L	**0.5**	10	0.4	0.1	09/10/2025 09:45
Nitrite as nitrogen	SM4500 NO2 B-2011	mg/L	**<0.05**	1.0*	0.4	0.05	09/10/2025 12:33
NO3 (Nitrate)	EPA300.0	mg/L	**2.4**	45*	2.0	0.5	09/10/2025 09:45
pH (Laboratory)	SM4500H+ B-2011	pH	**6.8**	6.5-8.5**	N/A	0.1	09/09/2025 16:35
Potassium (K)	EPA200.7	mg/L	**4.4**		N/A	0.1	09/19/2025 13:30
SO4 (Sulfate)	EPA300.0	mg/L	**86**	250**	0.5	0.5	09/10/2025 09:45
Sodium (Na)	EPA200.7	mg/L	**57**		N/A	0.1	09/19/2025 13:30
Sodium Adsorption Ratio (SAR)	L.V. Wilcox		**1.83**		N/A	N/A	09/21/2025 13:30
Total Alkalinity (as CaCO3)	SM2320 B-2011	mg/L	**165**		N/A	2	09/09/2025 16:35
Total Dissolved Solids (TDS)	SM2540 C-2015	mg/L	**445**	500**	N/A	5	09/11/2025 09:32

Qualifier(s) / Notes:
pH: The recommended holding time for this analysis is only 15 minutes. The sample was analyzed as soon as it was possible but it was received and analyzed past holding time.

Report approved by
Donna Ferguson, Ph.D., P.H.M.
Laboratory Director

AC97907 9/29/25 8:30

mg/L : Milligrams per liter (=ppm) ug/L : Micrograms per liter (=ppb) * : Primary Standards
MCL: Maximum Contaminant Level DLR: Detection Limit for Reporting PQL: Practical Reporting Level ** : Secondary Standards
NL: Notification Level ND : Not Detected N/A : Not Applicable *** : Action Level

MONTEREY COUNTY HEALTH DEPARTMENT

Consolidated Chemistry Laboratory
1270 Natividad Road Salinas, CA 93906
Phone (831)755-4516 Fax (831)755-4652
ELAP Certification Number 1395

Analytical Report

Montgomery & Associates
201 Hoffman Ave. Suite 9
Monterey, CA 93940

Attn: Abby Ostovar

 Monday, October 6, 2025

Lab Number: **AC98465** **Client Code:** **MONTGOMERY**

Sample Site: ECHO VALLEY CT - L-GWL-4
Source Code:
Other ID:

Collection Date/Time: 09/18/2025 15:00
Submittal Date/Time: 09/18/2025 16:18
Sample Collector: GRANICHER H

Sample Comments: Drinking Water. Receiving temperature 15.4 ºC.

Analyte	Method	Unit	**Result**	MCL	DLR	PQL	Analysis Start Date Time
adjusted Sodium Adsorption Ratio	UC Davis1993		**7.57**		N/A		10/05/2025 10:50
Agriculture-Conductivity	SM2510B	dS/m	**0.77**		N/A	.1	09/19/2025 08:09
Arsenic (As)	EPA200.8 REV 5.4	ug/L	**24**	10*	2	0.5	09/20/2025 13:00
Bicarbonate Alkalinity (as HCO3)	Calculated	mg/L	**257.4**		N/A	1.0	09/18/2025 16:25
Boron (B)	EPA200.8 REV 5.4	ug/L	**160**	1000 NL	100	50	09/27/2025 11:30
Calcium (Ca)	EPA200.7	mg/L	**20**		N/A	0.10	10/04/2025 13:00
Carbonate Alkalinity (as CO3)	Calculated	mg/L	**<1**		N/A	1.0	09/18/2025 16:25
Cl (Chloride)	EPA300.0	mg/L	**103**	250**	N/A	0.5	09/19/2025 15:06
Conductivity @ 25C	SM2510 B-2011	umho/cm	**769**	900**	N/A	2	09/19/2025 08:09
Hardness	SM2340 B-2011	mg/L	**76.7**		N/A	1.7	10/05/2025 09:54
Iron	EPA200.7	ug/L	**202**	300**	100	100	10/04/2025 13:00
Magnesium (Mg)	EPA200.7	mg/L	**6.5**		N/A	0.1	10/04/2025 13:00
Manganese (Mn)	EPA200.7	ug/L	**79**	50**	20	1	10/04/2025 13:00
Nitrate Nitrogen	EPA300.0	mg/L	**<0.1**	10	0.4	0.1	09/19/2025 15:06
Nitrite as nitrogen	SM4500 NO2 B-2011	mg/L	**<0.05**	1.0*	0.4	0.05	09/19/2025 14:28
NO3 (Nitrate)	EPA300.0	mg/L	**<0.5**	45*	2.0	0.5	09/19/2025 15:06
pH (Laboratory)	SM4500H+ B-2011	pH	**6.9**	6.5-8.5**	N/A	0.1	09/18/2025 16:25
Potassium (K)	EPA200.7	mg/L	**2.3**		N/A	0.1	10/04/2025 13:00
SO4 (Sulfate)	EPA300.0	mg/L	**23**	250**	0.5	0.5	09/19/2025 15:06
Sodium (Na)	EPA200.7	mg/L	**144**		N/A	1	10/04/2025 13:00
Sodium Adsorption Ratio (SAR)	L.V. Wilcox		**7.06**		N/A	N/A	10/05/2025 10:50
Total Alkalinity (as CaCO3)	SM2320 B-2011	mg/L	**211**		N/A	2	09/18/2025 16:25

AC98466 10/6/25 8:54

mg/L : Milligrams per liter (=ppm) ug/L : Micrograms per liter (=ppb) * : Primary Standards
MCL: Maximum Contaminant Level DLR: Detection Limit for Reporting PQL: Practical Reporting Level ** : Secondary Standards
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Total Dissolved Solids (TDS)	SM2540 C-2015	mg/L	**475**	500**	N/A	5	09/18/2025 16:20

Lab Number: **AC98466** **Client Code:** **MONTGOMERY**

Sample Site SAN JUAN GRADE RD - L-GWL-1
Source Code
Other ID

Collection Date/Time 09/18/2025 15:30
Submittal Date/Time 09/18/2025 16:18
Sample Collector GRANICHER H

Sample Comments: Drinking Water. Receiving temperature 5.9 ºC.

Analyte	Method	Unit	**Result**	MCL	DLR	PQL	Analysis Start Date Time
adjusted Sodium Adsorption Ratio	UC Davis1993		**3.92**		N/A		10/05/2025 10:50
Agriculture-Conductivity	SM2510B	dS/m	**1.14**		N/A	.1	09/19/2025 08:09
Arsenic (As)	EPA200.8 REV 5.4	ug/L	**<1**	10*	2	0.5	09/20/2025 13:00
Bicarbonate Alkalinity (as HCO3)	Calculated	mg/L	**250.1**		N/A	1.0	09/18/2025 16:35
Boron (B)	EPA200.8 REV 5.4	ug/L	**<50**	1000 NL	100	50	09/27/2025 11:30
Calcium (Ca)	EPA200.7	mg/L	**22**		N/A	0.10	10/04/2025 13:00
Carbonate Alkalinity (as CO3)	Calculated	mg/L	**<1**		N/A	1.0	09/18/2025 16:35
Cl (Chloride)	EPA300.0	mg/L	**215**	250**	N/A	0.5	09/19/2025 15:20
Conductivity @ 25C	SM2510 B-2011	umho/cm	**1140**	900**	N/A	2	09/19/2025 08:09
Hardness	SM2340 B-2011	mg/L	**218**		N/A	1.7	10/05/2025 09:56
Iron	EPA200.7	ug/L	**162**	300**	100	100	10/04/2025 13:00
Magnesium (Mg)	EPA200.7	mg/L	**51**		N/A	1	10/04/2025 13:00
Manganese (Mn)	EPA200.7	ug/L	**204**	50**	20	1	10/04/2025 13:00
Nitrate Nitrogen	EPA300.0	mg/L	**0.1**	10	0.4	0.1	09/19/2025 15:20
Nitrite as nitrogen	SM4500 NO2 B-2011	mg/L	**<0.05**	1.0*	0.4	0.05	09/19/2025 14:28
NO3 (Nitrate)	EPA300.0	mg/L	**0.6**	45*	2.0	0.5	09/19/2025 15:20
pH (Laboratory)	SM4500H+ B-2011	pH	**6.9**	6.5-8.5**	N/A	0.1	09/18/2025 16:35
Potassium (K)	EPA200.7	mg/L	**4.8**		N/A	0.1	10/04/2025 13:00
SO4 (Sulfate)	EPA300.0	mg/L	**35**	250**	0.5	0.5	09/19/2025 15:20
Sodium (Na)	EPA200.7	mg/L	**146**		N/A	1	10/04/2025 13:00
Sodium Adsorption Ratio (SAR)	L.V. Wilcox		**3.85**		N/A	N/A	10/05/2025 10:50
Total Alkalinity (as CaCO3)	SM2320 B-2011	mg/L	**205**		N/A	2	09/18/2025 16:35
Total Dissolved Solids (TDS)	SM2540 C-2015	mg/L	**650**	500**	N/A	5	09/18/2025 16:20

Qualifier(s) / Notes:
pH: The recommended holding time for this analysis is only 15 minutes. The sample was analyzed as soon as it was possible but it was received and analyzed past holding time.

Report approved by
Donna Ferguson, Ph.D., P.H.M.
Laboratory Director

AC98466 10/6/25 8:54

mg/L : Milligrams per liter (=ppm) ug/L : Micrograms per liter (=ppb) * : Primary Standards
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MONTEREY COUNTY HEALTH DEPARTMENT

Consolidated Chemistry Laboratory
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ELAP Certification Number 1395

Analytical Report

Montgomery & Associates
201 Hoffman Ave. Suite 9
Monterey, CA 93940

Attn: Abby Ostovar

 Monday, October 6, 2025

Lab Number: **AC98868** **Client Code:** **MONTGOMERY**

Sample Site FOOTHILL - SOLEDAD
Source Code
Other ID F-DA-1

Collection Date/Time 10/02/2025 12:45
Submittal Date/Time 10/02/2025 13:38
Sample Collector DOOLEY T

Sample Comments: Special Ground Water. Receiving temperature 21.1 ºC.

Analyte	Method	Unit	**Result**	MCL	DLR	PQL	Analysis Start Date Time
adjusted Sodium Adsorption Ratio	UC Davis1993		**1.74**		N/A		10/05/2025 10:50
Agriculture-Conductivity	SM2510B	dS/m	**0.56**		N/A	.1	10/03/2025 08:00
Arsenic (As)	EPA200.8 REV 5.4	ug/L	**2**	10*	2	0.5	10/03/2025 16:15
Bicarbonate Alkalinity (as HCO3)	Calculated	mg/L	**217.2**		N/A	1.0	10/02/2025 14:01
Boron (B)	EPA200.8 REV 5.4	ug/L	**85**	1000 NL	100	50	10/03/2025 16:15
Calcium (Ca)	EPA200.7	mg/L	**58**		N/A	1.0	10/04/2025 13:00
Carbonate Alkalinity (as CO3)	Calculated	mg/L	**<1**		N/A	1.0	10/02/2025 14:01
Cl (Chloride)	EPA300.0	mg/L	**8.6**	250**	N/A	0.5	10/03/2025 10:34
Conductivity @ 25C	SM2510 B-2011	umho/cm	**555**	900**	N/A	2	10/03/2025 08:00
Hardness	SM2340 B-2011	mg/L	**190**		N/A	1.7	10/05/2025 10:36
Iron	EPA200.7	ug/L	**243**	300**	100	100	10/04/2025 13:00
Magnesium (Mg)	EPA200.7	mg/L	**11**		N/A	0.1	10/04/2025 13:00
Manganese (Mn)	EPA200.7	ug/L	**19**	50**	20	1	10/04/2025 13:00
Nitrate Nitrogen	EPA300.0	mg/L	**0.2**	10	0.4	0.1	10/03/2025 10:34
Nitrite as nitrogen	SM4500 NO2 B-2011	mg/L	**<0.05**	1.0*	0.4	0.05	10/02/2025 15:21
NO3 (Nitrate)	EPA300.0	mg/L	**0.9**	45*	2.0	0.5	10/03/2025 10:34
pH (Laboratory)	SM4500H+ B-2011	pH	**6.6**	6.5-8.5**	N/A	0.1	10/02/2025 14:01
Potassium (K)	EPA200.7	mg/L	**3.3**		N/A	0.1	10/04/2025 13:00
SO4 (Sulfate)	EPA300.0	mg/L	**96**	250**	0.5	0.5	10/03/2025 10:34
Sodium (Na)	EPA200.7	mg/L	**46**		N/A	1	10/04/2025 13:00
Sodium Adsorption Ratio (SAR)	L.V. Wilcox		**1.43**		N/A	N/A	10/05/2025 10:50
Total Alkalinity (as CaCO3)	SM2320 B-2011	mg/L	**178**		N/A	2	10/02/2025 14:01

AC98868 10/6/25 10:06

mg/L : Milligrams per liter (=ppm) ug/L : Micrograms per liter (=ppb) * : Primary Standards
MCL: Maximum Contaminant Level DLR: Detection Limit for Reporting PQL: Practical Reporting Level ** : Secondary Standards
NL: Notification Level ND : Not Detected N/A : Not Applicable *** : Action Level

Total Dissolved Solids (TDS)	SM2540 C-2015	mg/L	**390**	500**	N/A	5	10/02/2025 13:50

Qualifier(s) / Notes:
pH: The recommended holding time for this analysis is only 15 minutes. The sample was analyzed as soon as it was possible but it was received and analyzed past holding time.

Report approved by

Donna Ferguson, Ph.D., P.H.M.
Laboratory Director

AC98868 10/6/25 10:06

mg/L : Milligrams per liter (=ppm) ug/L : Micrograms per liter (=ppb) * : Primary Standards
MCL: Maximum Contaminant Level DLR: Detection Limit for Reporting PQL: Practical Reporting Level ** : Secondary Standards
NL: Notification Level ND : Not Detected N/A : Not Applicable *** : Action Level

MONTEREY COUNTY HEALTH DEPARTMENT

Consolidated Chemistry Laboratory
1270 Natividad Road Salinas, CA 93906
Phone (831)755-4516 Fax (831)755-4652
ELAP Certification Number 1395

Analytical Report

Montgomery & Associates
201 Hoffman Ave. Suite 9
Monterey, CA 93940

Attn: Abby Ostovar

 Monday, November 17, 2025

Lab Number: **AC99964**
Sample Site UV-GWL-2 - RANCHITA CANYON ROAD
Source Code
Other ID

Client Code: **MONTGOMERY**
Collection Date/Time 10/29/2025 15:10
Submittal Date/Time 10/29/2025 17:00
Sample Collector PONTIFEX T

Sample Comments: Ground Water. Receiving temperature 9.8 ºC.

Analyte	Method	Unit	**Result**	PQL	Qualifier	Analysis Start Date Time
adjusted Sodium Adsorption Ratio	UC Davis1993		**2.24**			11/15/2025 16:00
Agriculture-Conductivity	SM2510B	dS/m	**1.1**	.1		10/31/2025 07:33
Arsenic (As)	EPA200.8 REV 5.4	ug/L	**3**	0.5		11/01/2025 10:45
Bicarbonate Alkalinity (as HCO3)	Calculated	mg/L	**318.4**	1.0		10/30/2025 07:51
Boron	SM4500B B-2011	mg/L	**0.46**	0.10		10/31/2025 09:19
Calcium (Ca)	EPA200.7	mg/L	**65**	1.0		11/15/2025 12:30
Carbonate Alkalinity (as CO3)	Calculated	mg/L	**<1**	1.0		10/30/2025 07:51
Cl (Chloride)	EPA300.0	mg/L	**108**	1		10/30/2025 12:10
Conductivity @ 25C	SM2510 B-2011	umho/cm	**1110**	2		10/31/2025 07:33
Hardness	SM2340 B-2011	mg/L	**372**	1.7		11/15/2025 16:25
Iron	EPA200.7	ug/L	**<100**	100		11/15/2025 12:30
Magnesium (Mg)	EPA200.7	mg/L	**51**	1		11/15/2025 12:30
Manganese (Mn)	EPA200.7	ug/L	**345**	1		11/15/2025 12:30
Nitrate Nitrogen	EPA300.0	mg/L	**3.4**	0.2		10/30/2025 12:10
Nitrite as nitrogen	SM4500 NO2 B-2011	mg/L	**<0.05**	0.05		10/30/2025 09:38
NO3 (Nitrate)	EPA300.0	mg/L	**15**	1		10/30/2025 12:10
pH (Laboratory)	SM4500H+ B-2011	pH	**8.2**	0.1	HT	10/30/2025 07:51
Potassium (K)	EPA200.7	mg/L	**3.3**	0.1		11/15/2025 12:30
SO4 (Sulfate)	EPA300.0	mg/L	**143**	1		10/30/2025 12:10
Sodium (Na)	EPA200.7	mg/L	**89**	1		11/15/2025 12:30
Sodium Adsorption Ratio (SAR)	L.V. Wilcox		**1.98**	N/A		11/15/2025 16:00
Total Alkalinity (as CaCO3)	SM2320 B-2011	mg/L	**261**	2		10/30/2025 07:51

AC99965 11/17/25 8:37

mg/L : Milligrams per liter (=ppm) ug/L : Micrograms per liter (=ppb) PQL: Practical Quantitation Limit

Total Dissolved Solids (TDS)	SM2540 C-2015	mg/L	**947**	5	10/30/2025 10:47

Lab Number: **AC99965**

Client Code: **MONTGOMERY**

Sample Site: UV-GWL-3 - HARE CANYON ROAD

Source Code

Other ID

Collection Date/Time: 10/29/2025 11:40

Submittal Date/Time: 10/29/2025 17:00

Sample Collector: PONTIFEX T

Sample Comments: Ground Water. Receiving temperature 10.0 ºC.

Analyte	Method	Unit	**Result**	PQL	Qualifier	Analysis Start Date Time
adjusted Sodium Adsorption Ratio	UC Davis1993		**2.52**			11/15/2025 16:00
Agriculture-Conductivity	SM2510B	dS/m	**1.3**	.1		10/31/2025 07:33
Arsenic (As)	EPA200.8 REV 5.4	ug/L	**2**	0.5		11/01/2025 10:45
Bicarbonate Alkalinity (as HCO3)	Calculated	mg/L	**306.2**	1.0		10/30/2025 08:03
Boron	SM4500B B-2011	mg/L	**0.54**	0.10		10/31/2025 09:19
Calcium (Ca)	EPA200.7	mg/L	**82**	1.0		11/15/2025 12:30
Carbonate Alkalinity (as CO3)	Calculated	mg/L	**<1**	1.0		10/30/2025 08:03
Cl (Chloride)	EPA300.0	mg/L	**95**	1		10/30/2025 12:24
Conductivity @ 25C	SM2510 B-2011	umho/cm	**1270**	2		10/31/2025 07:33
Hardness	SM2340 B-2011	mg/L	**456**	1.7		11/15/2025 16:27
Iron	EPA200.7	ug/L	**<100**	100		11/15/2025 12:30
Magnesium (Mg)	EPA200.7	mg/L	**61**	1		11/15/2025 12:30
Manganese (Mn)	EPA200.7	ug/L	**37**	1		11/15/2025 12:30
Nitrate Nitrogen	EPA300.0	mg/L	**2.5**	0.2		10/30/2025 12:24
Nitrite as nitrogen	SM4500 NO2 B-2011	mg/L	**<0.05**	0.05		10/30/2025 09:38
NO3 (Nitrate)	EPA300.0	mg/L	**11**	1		10/30/2025 12:24
pH (Laboratory)	SM4500H+ B-2011	pH	**6.9**	0.1	HT	10/30/2025 08:03
Potassium (K)	EPA200.7	mg/L	**3.9**	0.1		11/15/2025 12:30
SO4 (Sulfate)	EPA300.0	mg/L	**262**	1		10/30/2025 12:24
Sodium (Na)	EPA200.7	mg/L	**109**	1		11/15/2025 12:30
Sodium Adsorption Ratio (SAR)	L.V. Wilcox		**2.19**	N/A		11/15/2025 16:00
Total Alkalinity (as CaCO3)	SM2320 B-2011	mg/L	**251**	2		10/30/2025 08:03
Total Dissolved Solids (TDS)	SM2540 C-2015	mg/L	**830**	5		10/30/2025 10:47

Qualifier(s) / Notes:
pH: The recommended holding time for this analysis is only 15 minutes. The sample was analyzed as soon as it was possible but it was received and analyzed past holding time.

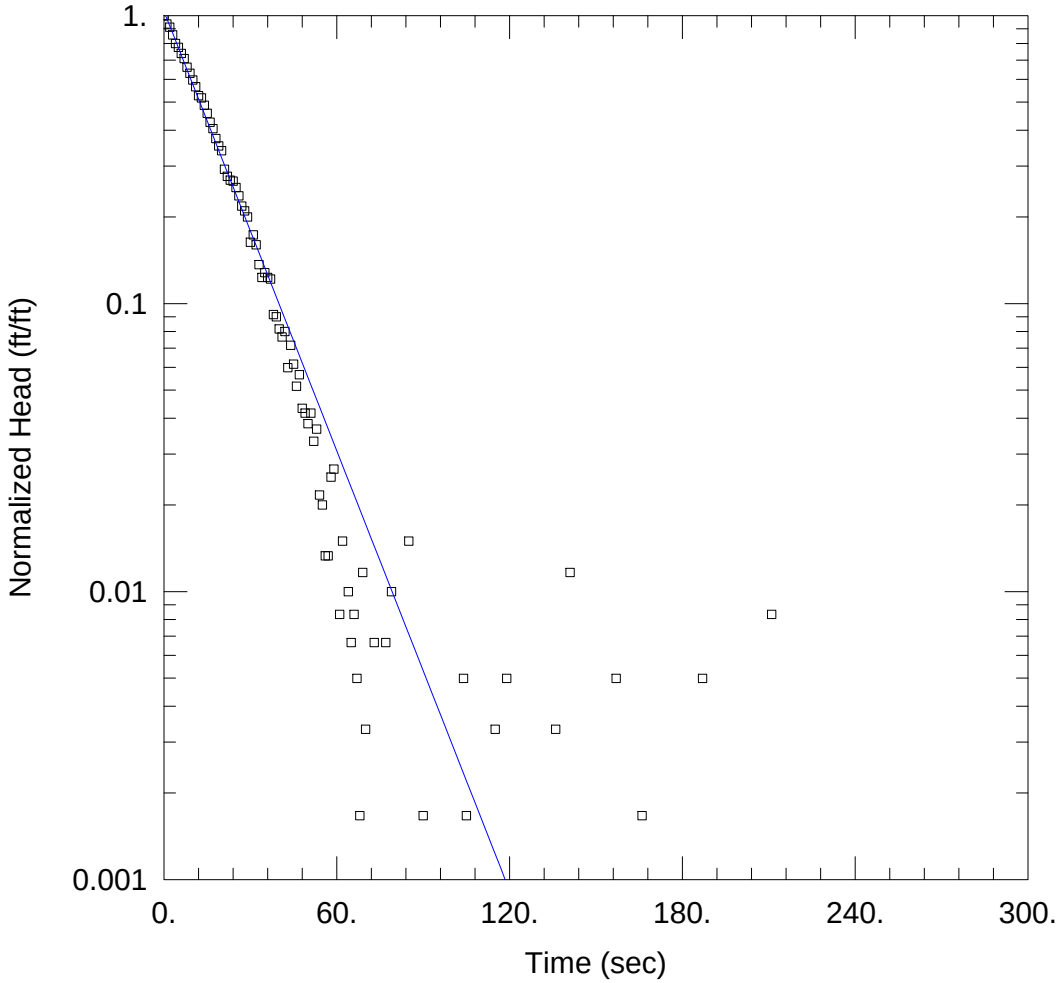
Report approved by

Donna Ferguson, Ph.D., P.H.M.
Laboratory Director

mg/L : Milligrams per liter (=ppm) ug/L : Micrograms per liter (=ppb) PQL: Practical Quantitation Limit

Appendix D

Pneumatic Slug Test Analysis



WELL TEST ANALYSIS

PROJECT INFORMATION

Company: Montgomery & Associates
Client: SVBGSA
Project: 9100.6602
Location: ES-1A

WELL DATA (ES-1A)

Initial Displacement: 6.01 ft
Total Well Penetration Depth: 120. ft
Casing Radius: 0.16 ft

Static Water Column Height: 806. ft
Screen Length: 50. ft
Well Radius: 0.44 ft

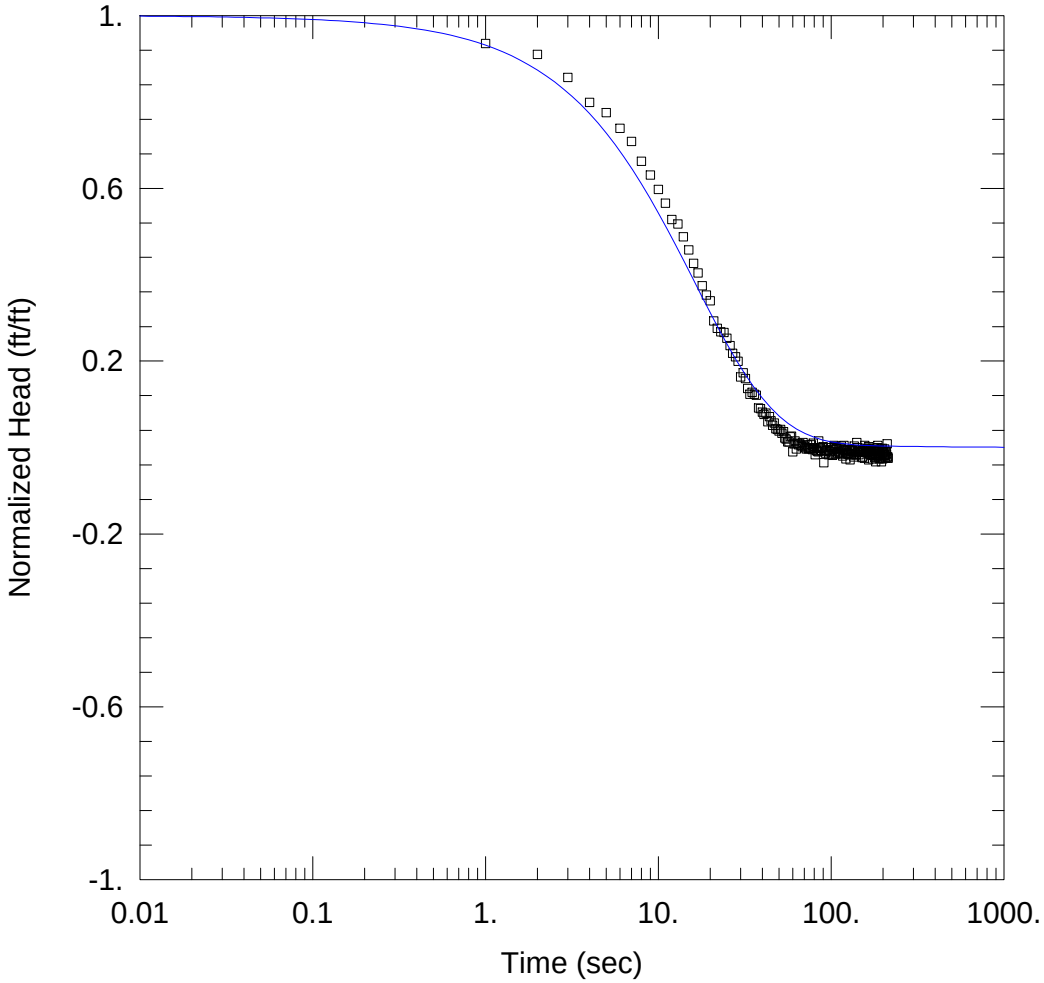
SOLUTION

Aquifer Model: Confined

K = 6.135 ft/day

Solution Method: Hvorslev

y0 = 6.229 ft



WELL TEST ANALYSIS

PROJECT INFORMATION

Company: Montgomery & Associates
Client: SVBGSA
Project: 9100.6602
Location: ES-1A

WELL DATA (ES-1A)

Initial Displacement: 6.01 ft
Total Well Penetration Depth: 120. ft
Casing Radius: 0.16 ft

Static Water Column Height: 806. ft
Screen Length: 50. ft
Well Radius: 0.44 ft

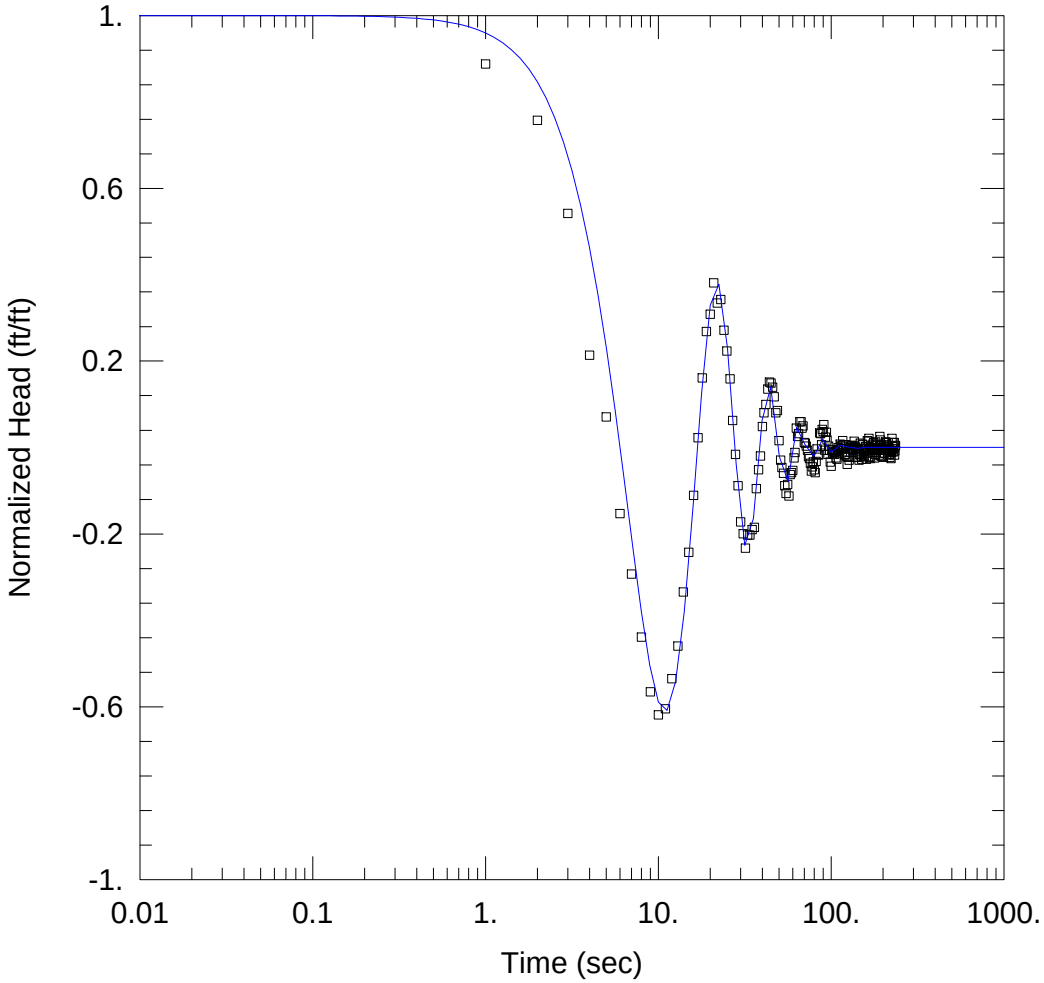
SOLUTION

Aquifer Model: Confined

Kr = 5.747 ft/day
Kz/Kr = 1.

Solution Method: KGS Model

Ss = 1.0E-7 ft^{-1}



WELL TEST ANALYSIS

PROJECT INFORMATION

Company: Montgomery & Associates
Client: SVBGSA
Project: 9100.6602
Location: ES-1B

WELL DATA (ES-1B)

Initial Displacement: 6.22 ft
Total Well Penetration Depth: 120. ft
Casing Radius: 0.16 ft

Static Water Column Height: 424.8 ft
Screen Length: 50. ft
Well Radius: 0.44 ft

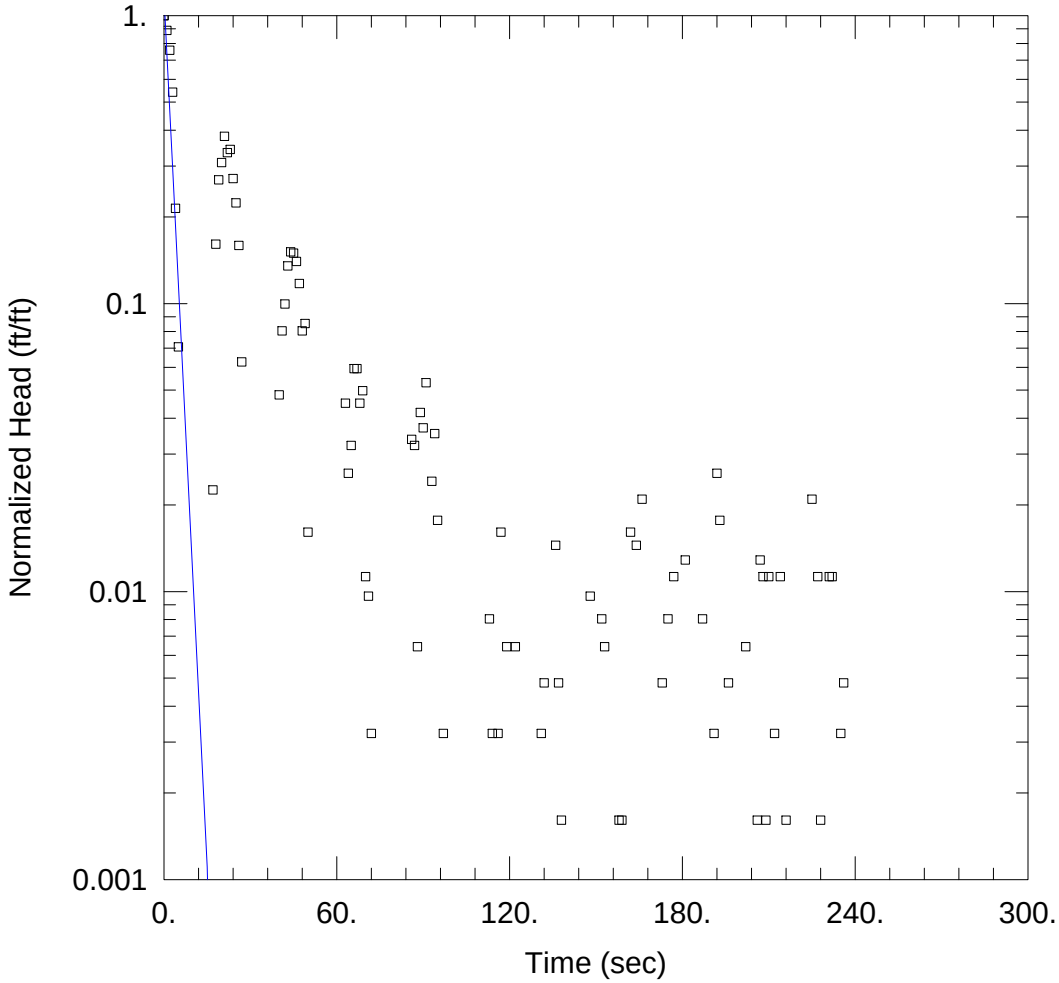
SOLUTION

Aquifer Model: Confined

Kr = 101.9 ft/day
Kz/Kr = 1.

Solution Method: Butler-Zhan

Ss = 1.0E-7 ft^{-1}
Le = 384.4 ft



WELL TEST ANALYSIS

PROJECT INFORMATION

Company: Montgomery & Associates
Client: SVBGSA
Project: 9100.6602
Location: ES-1B

WELL DATA (ES-1B)

Initial Displacement: 6.22 ft
Total Well Penetration Depth: 120. ft
Casing Radius: 0.16 ft

Static Water Column Height: 424.8 ft
Screen Length: 50. ft
Well Radius: 0.44 ft

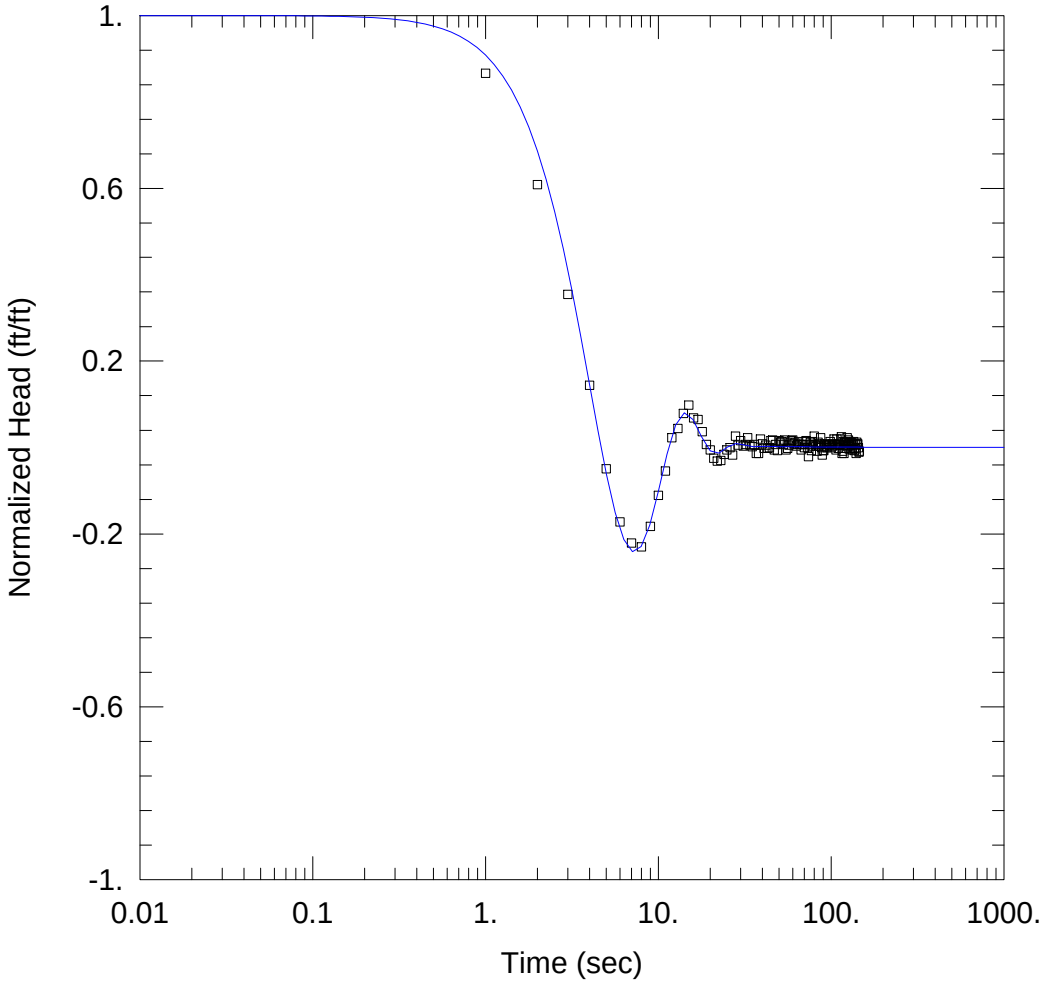
SOLUTION

Aquifer Model: Confined

K = 48.78 ft/day

Solution Method: Hvorslev

y0 = 7.462 ft



WELL TEST ANALYSIS

PROJECT INFORMATION

Company: Montgomery & Associates
Client: SVBGSA
Project: 9100.6602
Location: ES-1C

WELL DATA (ES-1C)

Initial Displacement: 5.7 ft
Total Well Penetration Depth: 80. ft
Casing Radius: 0.16 ft

Static Water Column Height: 198. ft
Screen Length: 50. ft
Well Radius: 0.44 ft

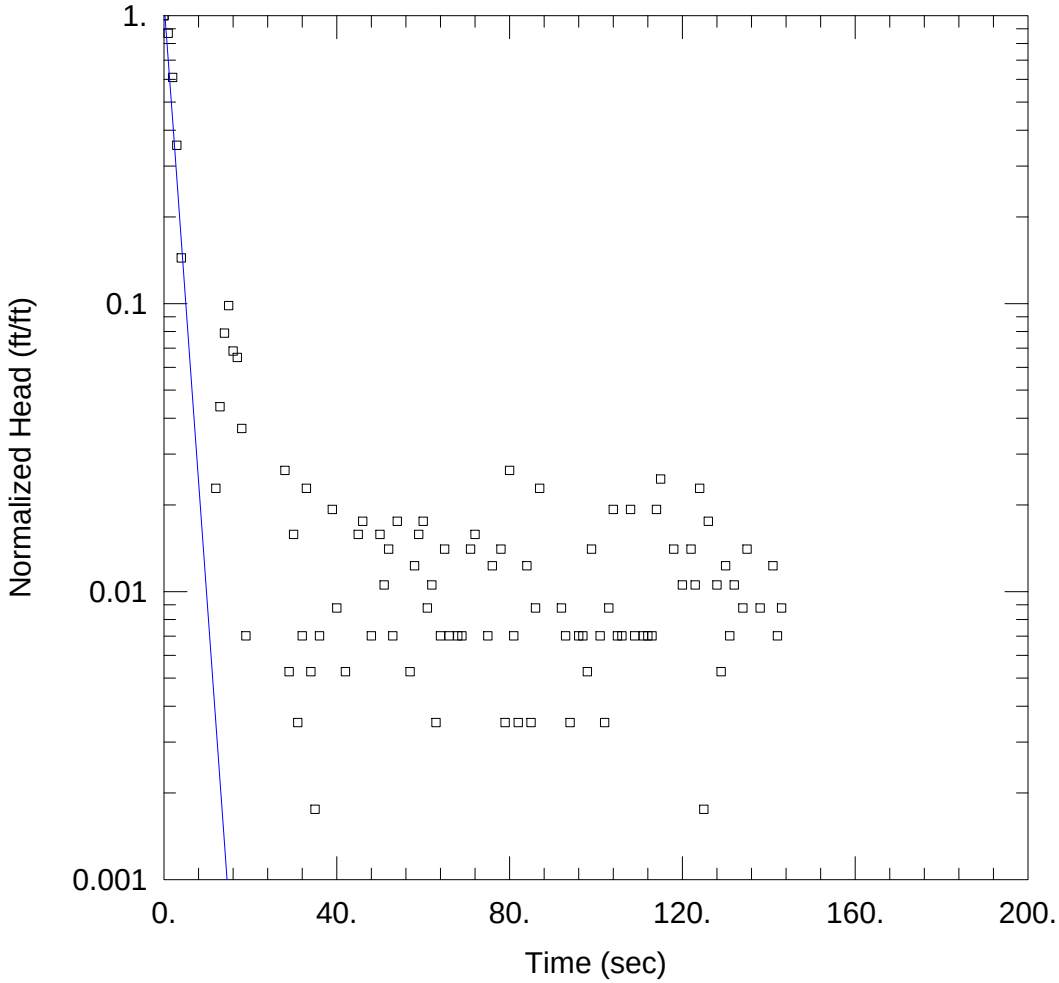
SOLUTION

Aquifer Model: Confined

Kr = 66.96 ft/day
Kz/Kr = 1.

Solution Method: Butler-Zhan

Ss = 1.0E-7 ft^{-1}
Le = 156.5 ft



WELL TEST ANALYSIS

PROJECT INFORMATION

Company: Montgomery & Associates
Client: SVBGSA
Project: 9100.6602
Location: ES-1C

WELL DATA (ES-1C)

Initial Displacement: 5.7 ft
Total Well Penetration Depth: 80. ft
Casing Radius: 0.16 ft

Static Water Column Height: 198. ft
Screen Length: 50. ft
Well Radius: 0.44 ft

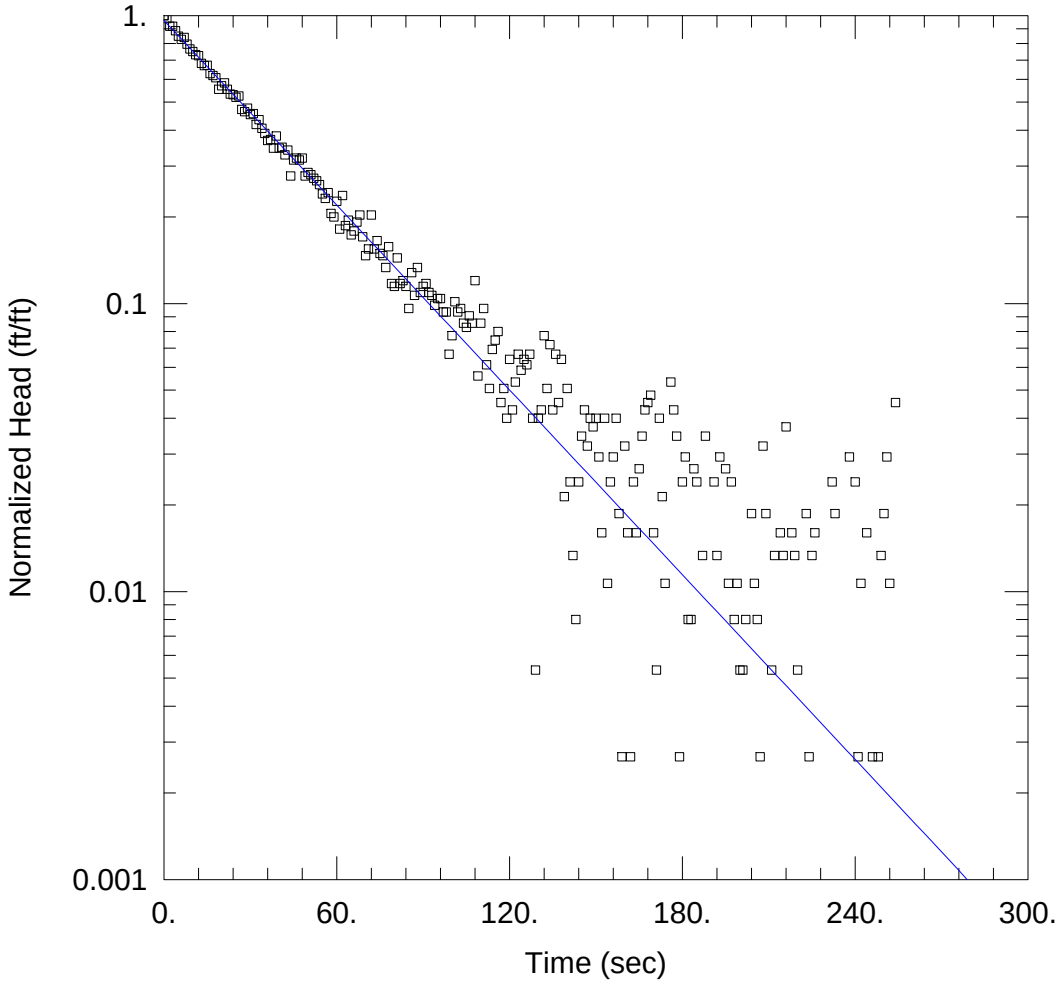
SOLUTION

Aquifer Model: Confined

K = 57.85 ft/day

Solution Method: Hvorslev

y0 = 6.496 ft



WELL TEST ANALYSIS

PROJECT INFORMATION

Company: Montgomery & Associates
Client: SVBGSA
Project: 9100.6602
Location: F-DA-1

WELL DATA (F-DA-1)

Initial Displacement: 3.75 ft
Total Well Penetration Depth: 90. ft
Casing Radius: 0.16 ft

Static Water Column Height: 1142.6 ft
Screen Length: 50. ft
Well Radius: 0.44 ft

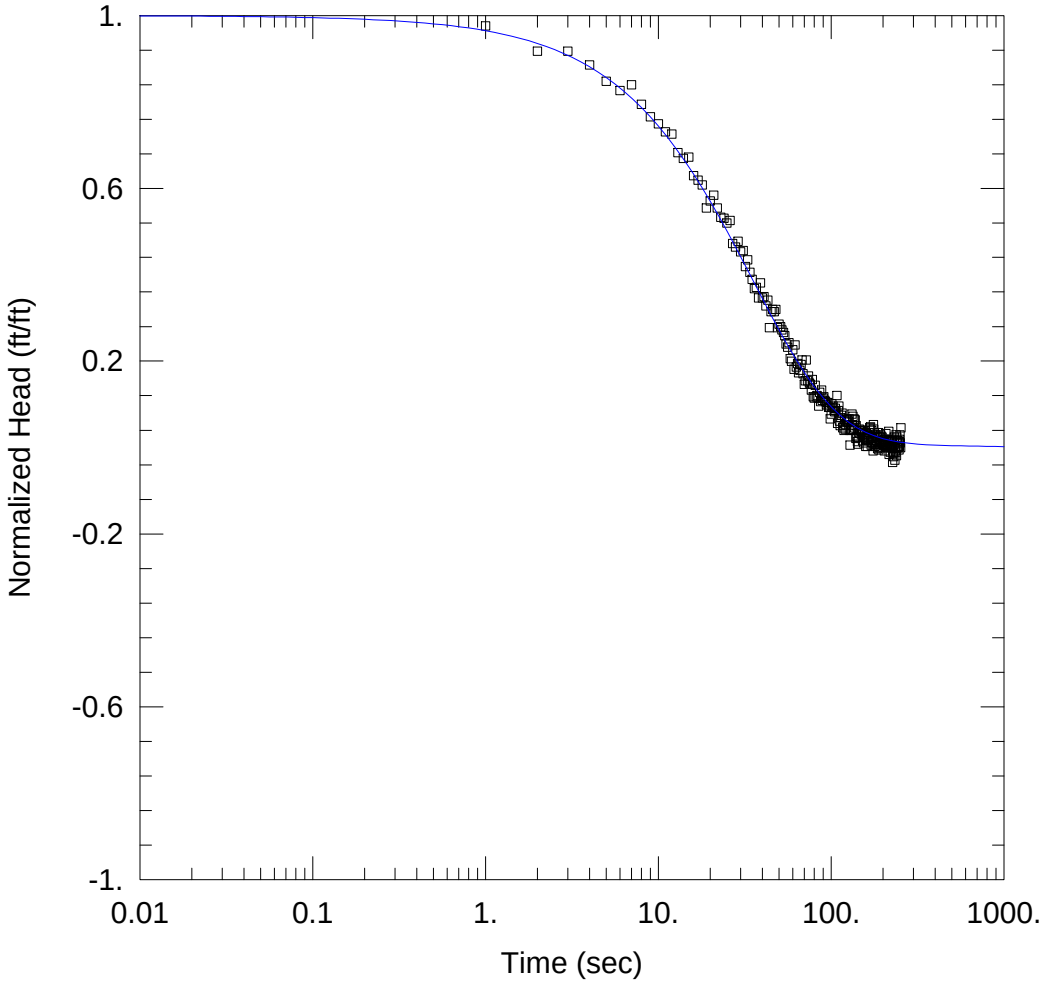
SOLUTION

Aquifer Model: Confined

K = 2.578 ft/day

Solution Method: Hvorslev

y0 = 3.608 ft



WELL TEST ANALYSIS

PROJECT INFORMATION

Company: Montgomery & Associates
Client: SVBGSA
Project: 9100.6602
Location: F-DA-1

WELL DATA (F-DA-1)

Initial Displacement: 3.75 ft
Total Well Penetration Depth: 90. ft
Casing Radius: 0.16 ft

Static Water Column Height: 1142.6 ft
Screen Length: 50. ft
Well Radius: 0.44 ft

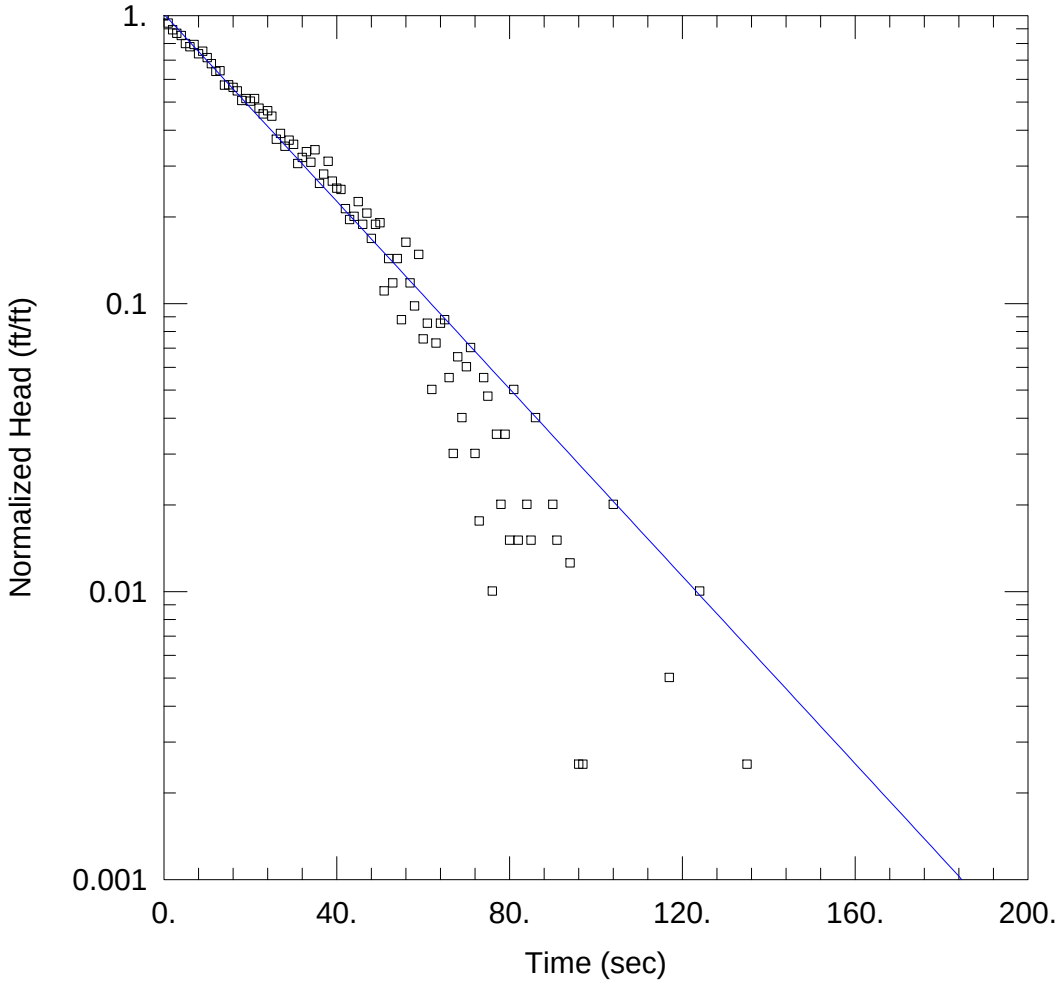
SOLUTION

Aquifer Model: Confined

Kr = 2.685 ft/day
Kz/Kr = 1.

Solution Method: KGS Model

Ss = 1.0E-7 ft^{-1}



WELL TEST ANALYSIS

PROJECT INFORMATION

Company: Montgomery & Associates
Client: SVBGSA
Project: 9100.6602
Location: UV-GWL-2

WELL DATA (UV-GWL-2)

Initial Displacement: 3.98 ft
Total Well Penetration Depth: 80. ft
Casing Radius: 0.16 ft

Static Water Column Height: 218.8 ft
Screen Length: 50. ft
Well Radius: 0.44 ft

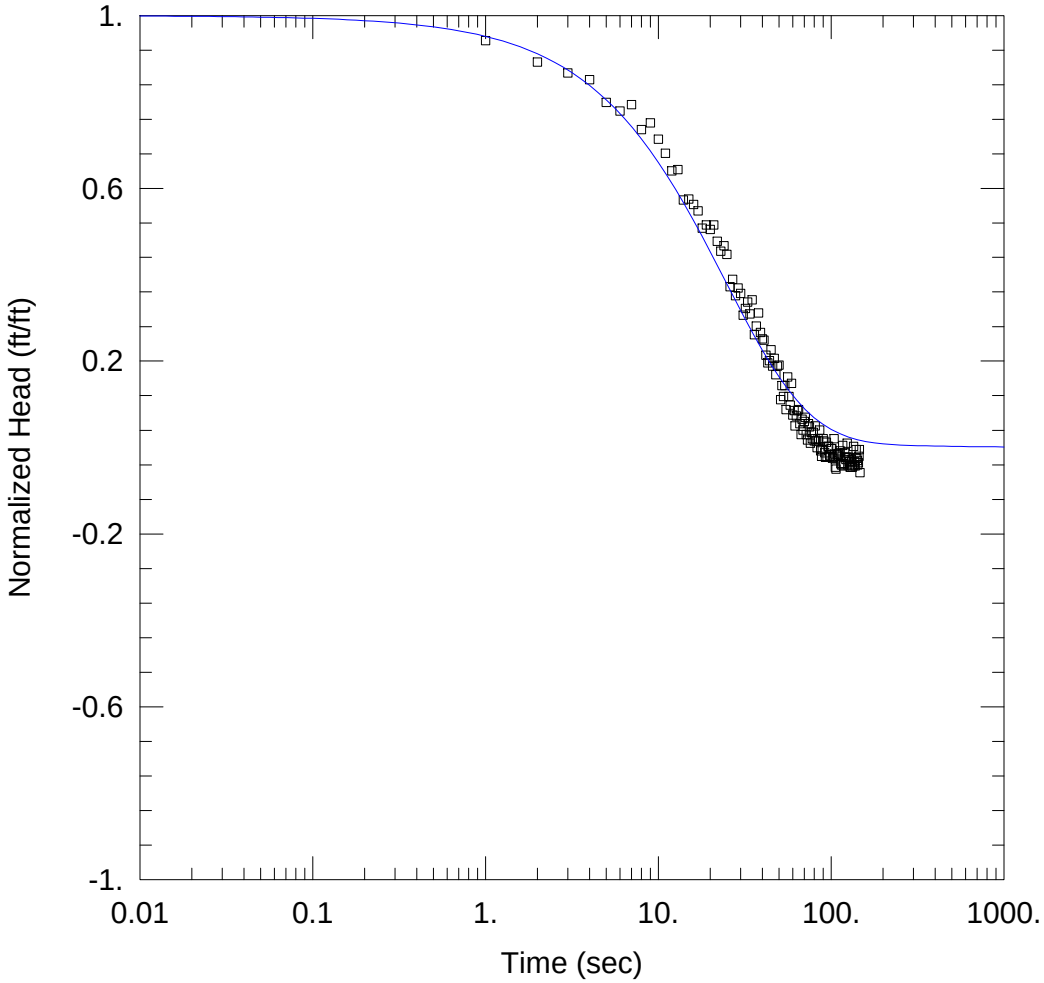
SOLUTION

Aquifer Model: Confined

K = 3.922 ft/day

Solution Method: Hvorslev

y0 = 4.029 ft



WELL TEST ANALYSIS

PROJECT INFORMATION

Company: Montgomery & Associates
Client: SVBGSA
Project: 9100.6602
Location: UV-GWL-2

WELL DATA (UV-GWL-2)

Initial Displacement: 3.98 ft
Total Well Penetration Depth: 80. ft
Casing Radius: 0.16 ft

Static Water Column Height: 218.8 ft
Screen Length: 50. ft
Well Radius: 0.44 ft

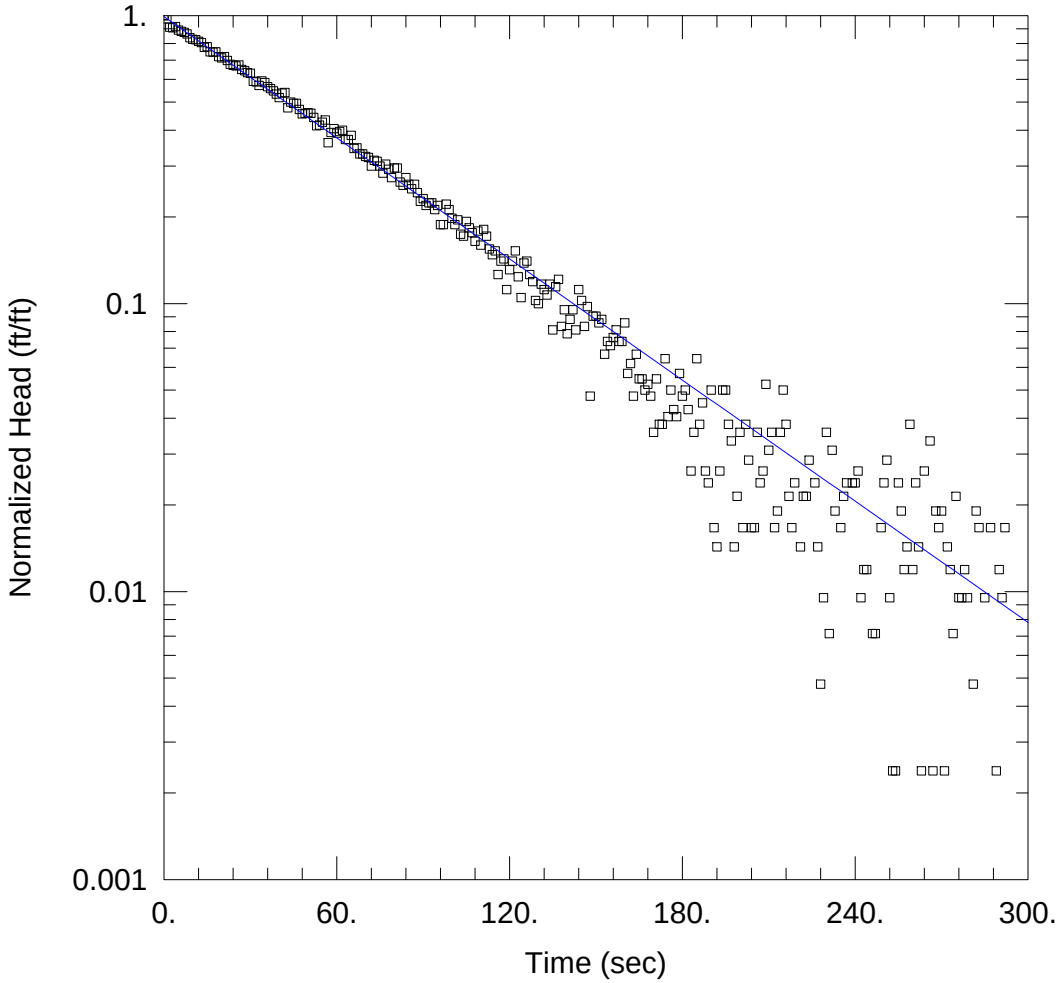
SOLUTION

Aquifer Model: Confined

Kr = 3.835 ft/day
Kz/Kr = 1.

Solution Method: KGS Model

Ss = 1.0E-7 ft^{-1}



WELL TEST ANALYSIS

PROJECT INFORMATION

Company: Montgomery & Associates
Client: SVBGSA
Project: 9100.6602
Location: UV-GWL-3

WELL DATA (UV-GWL-3)

Initial Displacement: 4.2 ft
Total Well Penetration Depth: 30. ft
Casing Radius: 0.16 ft

Static Water Column Height: 145.7 ft
Screen Length: 30. ft
Well Radius: 0.44 ft

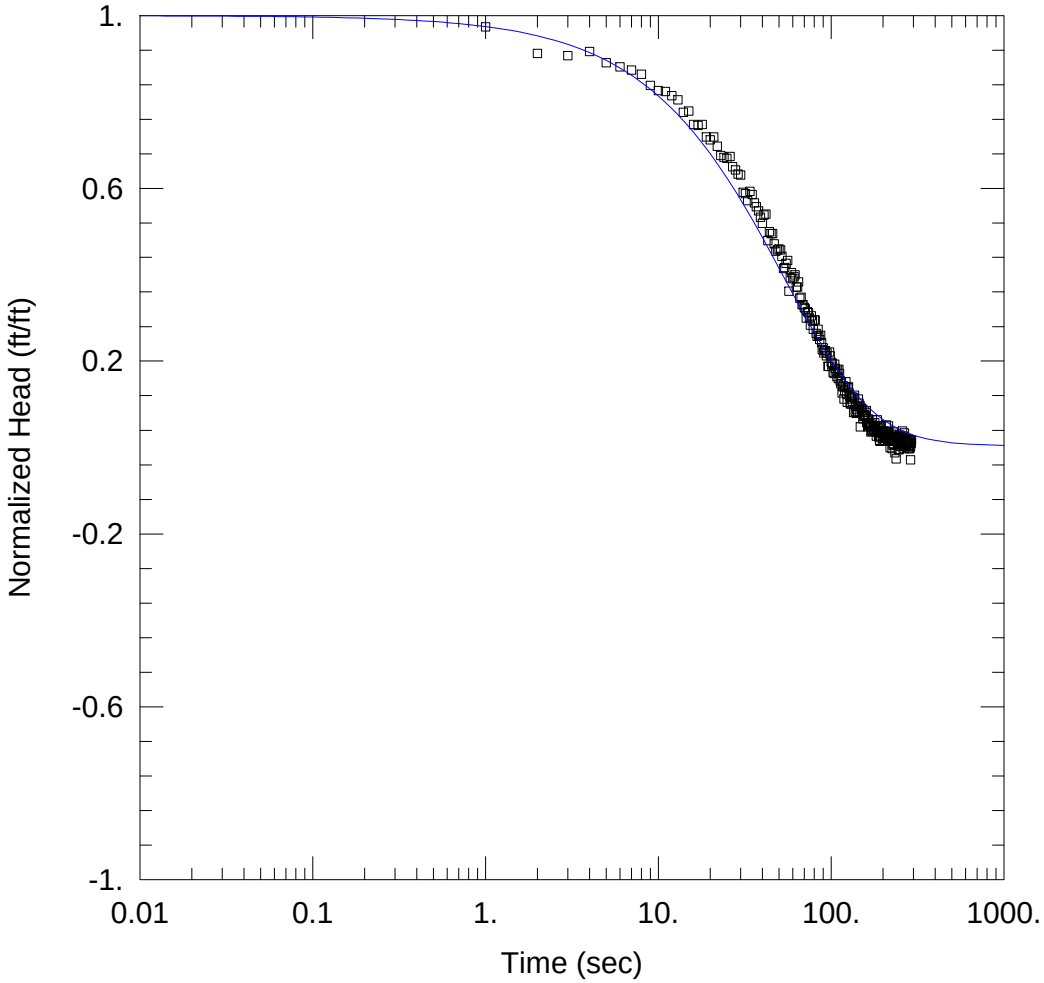
SOLUTION

Aquifer Model: Confined

K = 2.925 ft/day

Solution Method: Hvorslev

y0 = 4.16 ft



WELL TEST ANALYSIS

PROJECT INFORMATION

Company: Montgomery & Associates
Client: SVBGSA
Project: 9100.6602
Location: UV-GWL-3

WELL DATA (UV-GWL-3)

Initial Displacement: 4.2 ft
Total Well Penetration Depth: 30. ft
Casing Radius: 0.16 ft

Static Water Column Height: 145.7 ft
Screen Length: 30. ft
Well Radius: 0.44 ft

SOLUTION

Aquifer Model: Confined

Kr = 3.383 ft/day
Kz/Kr = 1.

Solution Method: KGS Model

Ss = 1.0E-7 ft^{-1}