

# Notice Of Completion Submittal

DATE: June 30, 2025

Project No. 23-099

SUBJECT: **Antelope Subbasin, Component 0, Category (C), Task 3: Notice Of Completion – M-C Wells**

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## THE FOLLOWING ITEMS ARE BEING SUBMITTED:

- Site Summary Report with Permits, As-Built drawings, and confirmation of WCR submittal

## COMMENTS:

Attached are the site summary reports with permits, as-built drawings, and WCR submittal confirmations for the multi-completion wells installed in the Antelope Subbasin. These files summarize all the work and depict the well as installed serving as a notice of construction completion.

## ANTELOPE 1

# **INSTALLATION SUMMARY REPORT NOTICE OF COMPLETION FOR ANTELOPE-1 MONITORING WELL**

**Prepared for:**

**Antelope Subbasin Groundwater Sustainability Agency**



**Prepared by:**

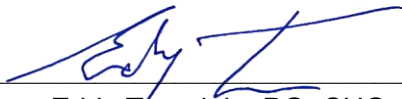


**June 30, 2025**

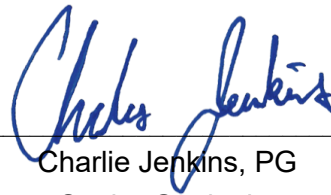
## INSTALLATION SUMMARY REPORT FOR ANTELOPE-1 MONITORING WELL

**June 30, 2025**

This report was prepared by the staff of Luhdorff and Scalmanini Consulting Engineers (LSCE) under the supervision of registered professionals.



Eddy Teasdale, PG, CHG  
Principal Hydrogeologist



Charlie Jenkins, PG  
Senior Geologist

*The Antelope Subbasin Groundwater Sustainability Agency gratefully acknowledges the funding contribution from the California Department of Water Resources. Funding for this project has been provided in part from the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018 (Proposition 68) and through an agreement with the State Department of Water Resources.*



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- Figure 3 – As-Built Monitoring Well Profile

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- Appendix B – Water Well Drillers Completion Report

## INTRODUCTION

The Antelope Subbasin Groundwater Sustainability Agency received grant funding from the California Department of Water Resources to support installation of groundwater monitoring wells important for implementation of the Antelope Subbasin Groundwater Sustainability Plan (GSP). Grant funding from the California Department of Water Resources (DWR) Sustainable Groundwater Management (SGM) grant program supported installation of a total of three (3) multi-completion monitoring wells for tracking groundwater levels and quality within the Subbasin.

This report summarizes the drilling and construction of the Antelope-1 Monitoring Well site shown on **Figure 1**. The monitoring well is one of three (3) new monitoring wells constructed from 2024 to 2025 within the Antelope Subbasin. Water level data collected from the monitoring wells will be used to support ongoing GSP implementation efforts in the Subbasins.



**Figure 1. Site Location Map**

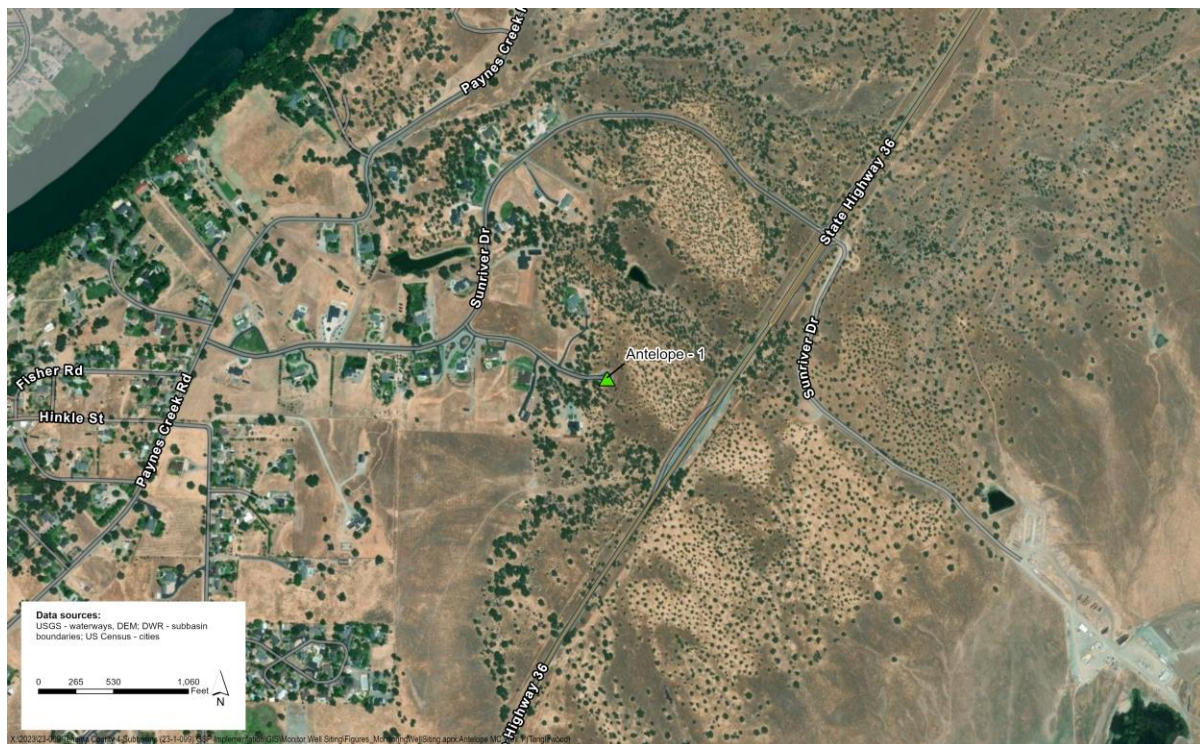


An assessment of data gaps conducted during the GSP preparation identified several areas for additional monitoring of groundwater levels and quality. These areas were the target for the construction for monitoring wells.

Preliminary test hole investigation depths were developed by Luhdorff and Scalmanini Consulting Engineers (LSCE) based on review of regional hydrogeology, available well completion reports (WCRs), Airborne Electromagnetic Survey (AEM) data, and monitoring objectives. Test hole drilling and monitoring well construction for the Antelope-1 monitoring well was conducted by Well Industries Inc. (C-57 License No. 812678) of Chico, California under the supervision of LSCE. The final monitoring well design was prepared by LSCE based on review of geophysical survey results and lithologic samples collected during test hole drilling.

## LOCATION AND MONITORING WELL PERMIT

The Antelope-1 monitoring well is located at the east end of Tanglewood Drive in Tehama County (**Figure 2**). Well drilling and construction was conducted under a drilling permit (Permit No. W-68/24) issued by the Tehama County Department of Environmental Health. A copy of the drilling permit is included in **Appendix A**.



### Figure 2. Site Area Map

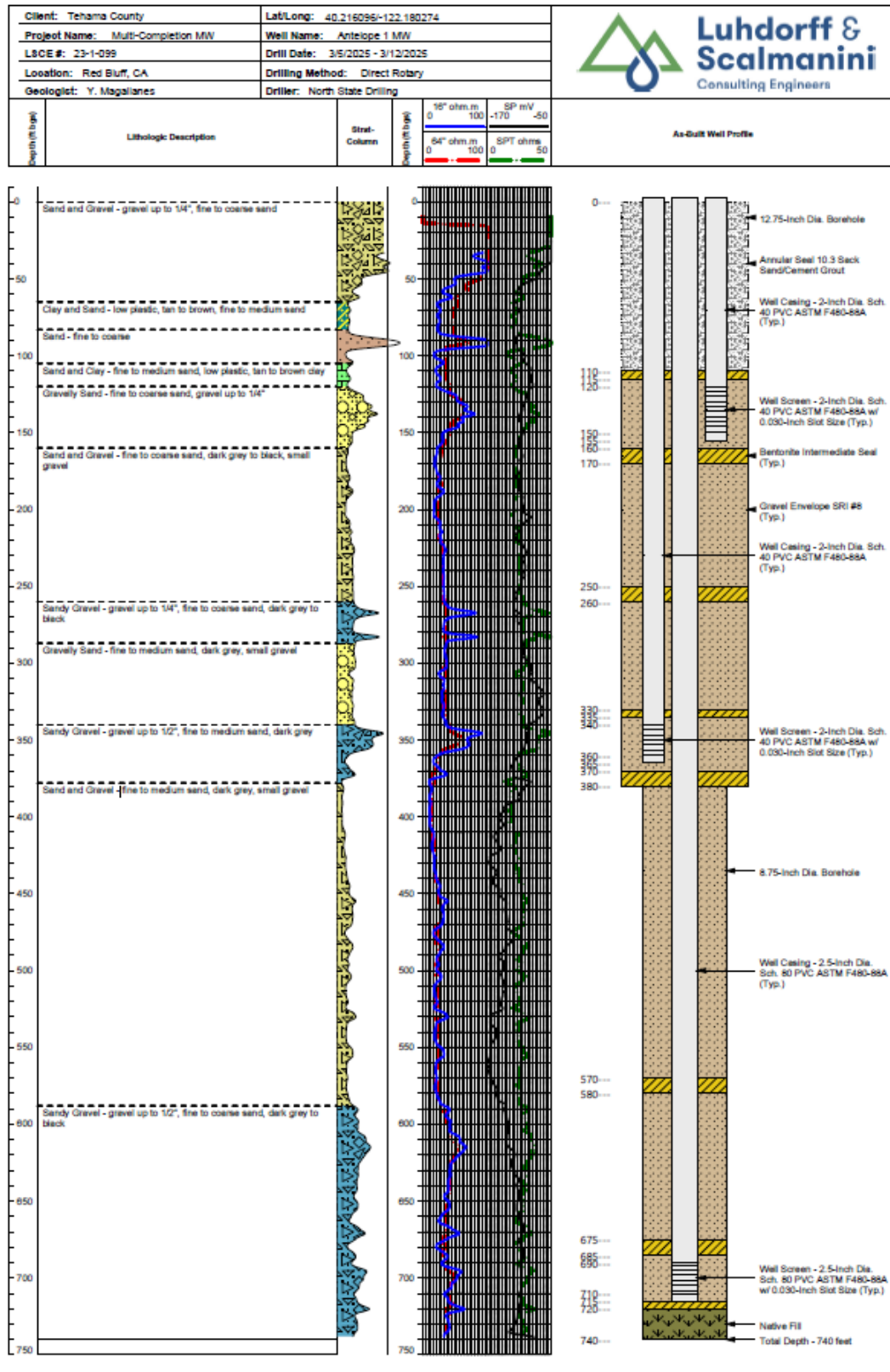
## PRE-DRILLING UNDERGROUND UTILITY CLEARANCE

Before drilling operations commenced, the site was surveyed for underground utilities by Underground Service Alert (USA) of Northern California. No underground utilities were identified at the project site by USA.

## DRILLING AND MONITORING WELL INSTALLATION

LSCE recommended a preliminary test hole investigation depth of 740 feet below ground surface (bgs) at the Antelope-1 site. The test hole was drilled to a total depth of 740 feet bgs from March 5-7, 2025. The 8.75-inch diameter test hole was drilled using the direct mud rotary drilling method and representative formation samples were collected by Well Industries Inc. at 10-foot intervals. LSCE geologists described the collected samples and prepared the lithologic log included on the as-built well profile sheet (**Figure 3**). Stewart Well Logging of Woodland, CA performed a geophysical survey (e-log) of the test hole on March 7, 2025 (**Figure 3**). The test hole was then reamed from ground surface to 380 ft bgs to 12.75-inch diameter to allow for the construction of a triple-completion monitoring well.





X:\2023\23-099 Tehama County 4-Subbasins (23-1-099) GSP Implementation\Task 3\Task 3.1\DRILLING\Antelope 1 MW\WellDesign

Figure 3. As-Built Monitoring Well Profile

Monitoring well construction took place from March 8-12, 2025. LSCE prepared the well design based on review of the drill cuttings, geophysical survey results, and considering project objectives. The monitoring well was designed with the screens and seals placed at depths to facilitate monitoring of groundwater conditions in three separate depth intervals within the groundwater system. A five-foot sump is installed on the bottom of each well. Well construction details are summarized in **Table 1**.

**Table 1. Antelope-1 Monitoring Well Construction Details**

Site ID	Depth Interval	Casing String (depth in feet)	Casing Material	Screened Interval (depth in feet)	Annular Seal (depth in feet)
Antelope-1	Shallow	155	2-Inch Dia. Sch. 40 PVC	120-150	110
	Intermediate	365	2-Inch Dia. Sch. 40 PVC	340-360	
	Deep	715	2.5-Inch Dia. Sch. 80 PVC	690-710	

Gravel envelope and annular seal materials were placed in the borehole in accordance with the final monitoring well design (**Figure 3**). The three piezometers are housed within a traffic-rated flush-mount well vault. Well Completion Reports for the wells have been submitted to DWR and are included in **Appendix B**.

## WELL CONSTRUCTION MATERIALS

The monitoring well was constructed of the following materials:

**Well Casing** – 2-inch diameter ASTM F480-88A, Schedule 40 PVC, and 2.5-inch diameter ASTM F480-88A, Schedule 80 PVC

**Well Screen** – 2-inch diameter ASTM F480-88A, Schedule 40 PVC, and 2.5-inch diameter ASTM F480-88A, Schedule 80 PVC, 0.030-inch factory cut slots

**Gravel Envelope** – SRI #8

**Intermediate Seal** – Bentonite Chips

**Annular Seal** – 10.3-Sack Sand/Cement Slurry

## APPENDICIES

## APPENDIX A

### Monitoring Well Drilling and Construction Permit





DEPARTMENT OF ENVIRONMENTAL HEALTH  
633 Washington St., Room 36  
Red Bluff, California 96080  
527-8020

Application No. W- 68/24

Antelope

APPLICATION TO CONSTRUCT OR DESTROY A WELL

Application for: Public Water Well ☐ Individual Well ☐ Well Destruction ☐ Agricultural Well ☐ Export ☐ Onsite ☐  
Monitoring Well ☐ Cathodic Protection Well ☐ Other ☐

Type of Construction: New Construction ☒ Repair or Deepen ☐ Replacement ☐

Owner's Name: TEHAMA COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT #5A Assessor's Parcel No. 049-010-009-000

Mailing Address: 23170 SUN RIVER DR Phone No.: 530-528-2225

City: RED BLUFF State: CA Zip Code: 96090

Applicant's Name: WELL INDUSTRIES INC. Phone No.: 530-391-5545

Site Address: 23170 SUN RIVER DR RED BLUFF CA 96090 Lot No.: NE001 T.R.S. T27N-R03W-2

NAME OF WELL DRILLER

NORTH STATE DRILLING / WELL INDUSTRIES INC

CONTRACTOR'S LICENSE NUMBER

812678

BUSINESS ADDRESS

3232 HWY 32  
CHICO CA 95973

WORKMEN'S COMPENSATION CERTIFICATE

I AM AWARE OF THE PROVISION OF SECTION 3700 OF THE CALIFORNIA LABOR CODE WHICH  
REQUIRES EVERY EMPLOYER TO BE INSURED AGAINST LIABILITY FOR WORKMEN'S  
COMPENSATION.

- NOTE: 1. Provide a minimum twelve (12) hour notice prior to installing or placing annular seal.  
2. A satisfactory inspection or waiver by the Health Department and receipt of a Driller's report and a disinfection statement is required for final approval of work.  
3. Contact this Department within 7 days of completion of the well.  
4. Scaled Plot Plan is to be furnished for all applications, and shall show all septic tanks, leachlines, pits and other contamination hazards within 200 feet.

I hereby state that the information above and on plot plan is correct and true to the best of my knowledge.

I understand that the plot plan must be approved, obtained and be on site BEFORE any construction is begun. I further state, under penalty of perjury, that I am the owner of the property, the owner's authorized representative, or a Licensed Well Drilling Contractor.

I understand approval of the Water Well construction does not indicate whether this property is suitable for an individual sewage disposal system or that an approval to install such a system is granted.

Date: 8/19/2024 Signed: [Signature]

THE APPLICANT IS RESPONSIBLE FOR MAINTAINING REQUIRED SETBACKS

- OFFICIAL USE ONLY - VISA

Received by: Lori Mueller Date: 8-20-24 Fee Received ☒ Cash ☐ Check ☐ Receipt no. 848595

Application Denied By: \_\_\_\_\_ (See Separate Report)

Well Inspection: Annular Seal \_\_\_\_\_ Sign & Date \_\_\_\_\_ Waived ☐ Final \_\_\_\_\_ Sign & Date \_\_\_\_\_ Waived ☐

Surface Pad ☐ Annular Seal: \_\_\_\_\_ Depth \_\_\_\_\_ Type & Procedure \_\_\_\_\_ Well Yield \_\_\_\_\_ gpm

Drilling fluids and other drilling materials used in connection with this work shall be safely and appropriately handled and disposed of.

Other Conditions: MONITORING WELL CONSTRUCTION SHALL COMPLY WITH BULLETIN 74-90 CALIFORNIA WELL STANDARDS.

PERMISSION IS HEREBY GRANTED TO Well Industries Inc for the above well work in accordance with all State and County Laws, and conditions as set forth on the approved plot plan.

Additional conditions attached \_\_\_\_\_

Effective date 8/26/24

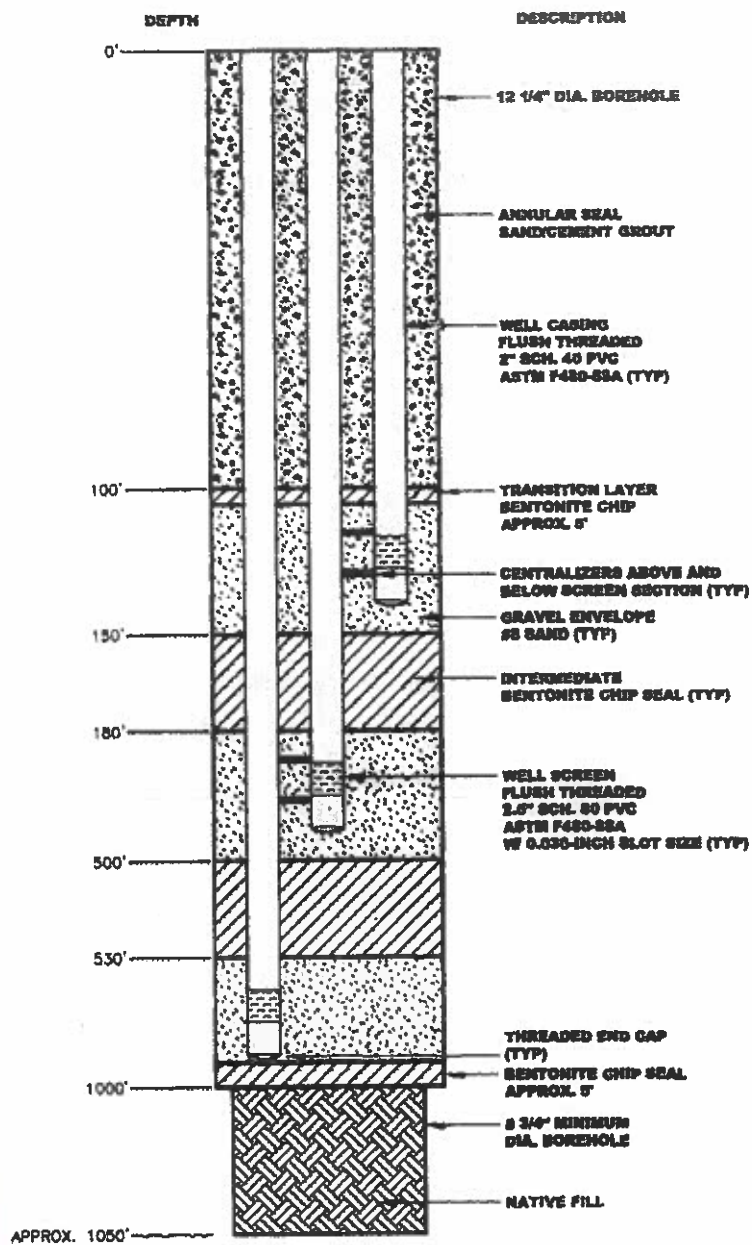
Expiration date 2/26/25

Granted by: [Signature]









**NOTE: DRAWING IS NOT TO SCALE**

CAD FILE: Z:\LS ALAD Dropbox\Antelope\Antelope Well\23-1-099\figure 8.dwg DATE: 4/25/2024 12:15 PM

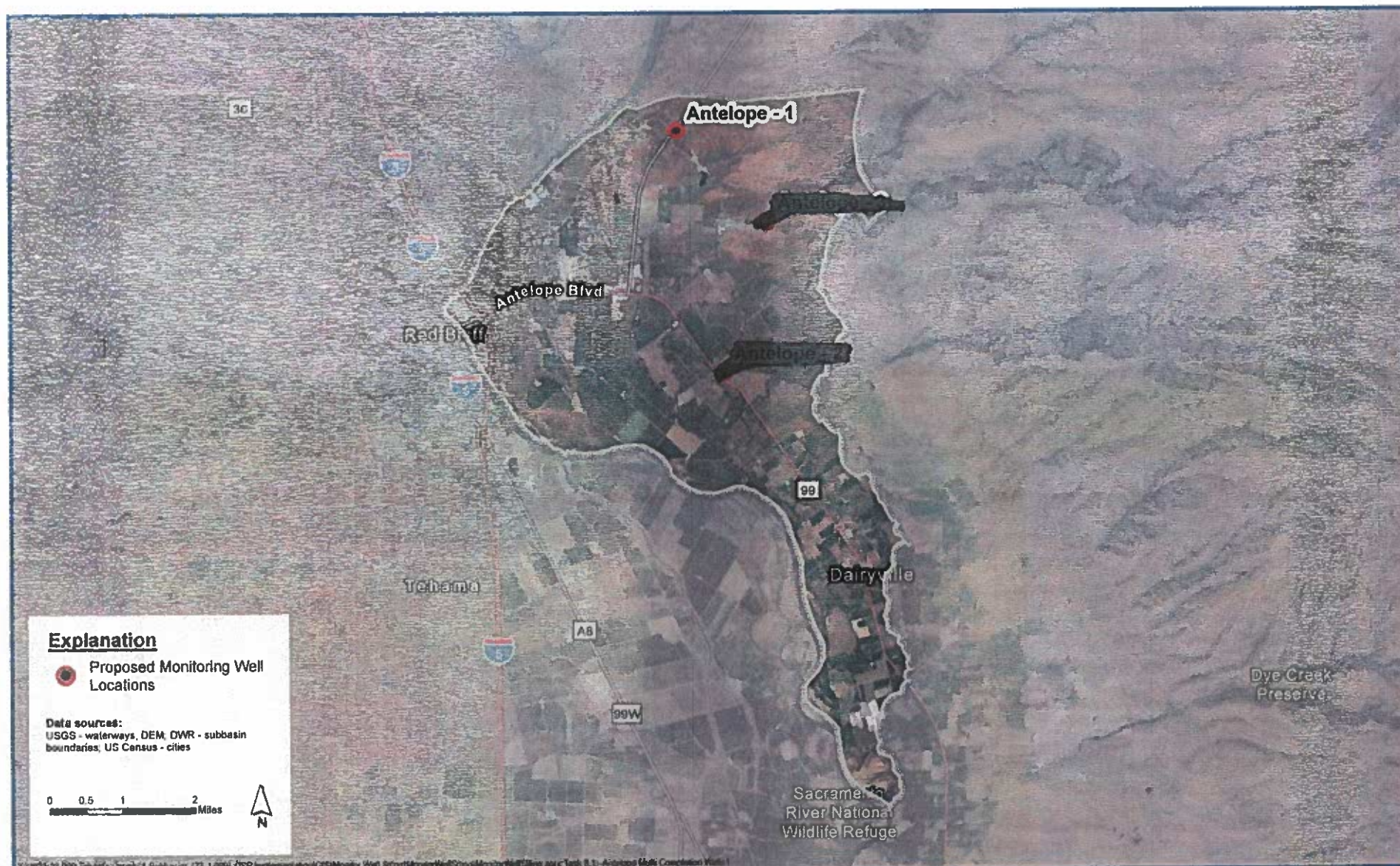


**Luhdorff &  
Scalmanini**  
Consulting Engineers

### Conceptual Monitoring Well Profile

Antelope Subbassin/ Antelope Ground Water Sustainability Agency

**Figure 9**





REGRID

Red Bluff, CA

40.21911, -122.174236

16055 PAYNES CREEK RD  
BORROR LIVING TRUST 10/1/08

Property Details  
049-010-009-000

FOLLOW

ACTIONS

Sign up for a free Starter account to view 5 free images, or upgrade to Pro for unlimited imagery.

Show bird's eye

Parcel Data

Parcel Highlights

Measurements  
222 acres  
9,681,871 sqft

Tools

Layers

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community | Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

## APPENDIX B

### Water Well Drillers Completion Report



State of California  
Well Completion Report  
Form DWR 188 Submitted 08/04/2025  
WCR2025-007802

Owner's Well Number: ANTELOPE 1 MW

Date Work Began: 03/05/2025

Date Work Ended: 03/14/2025

Local Permit Agency: Tehama County Environmental Health Department

County: Tehama

Secondary Permit Agency:

Permit Number: W-68/24

Permit Date: 08/26/2024

Well Owner (must remain confidential pursuant to Water Code 13752)	Planned Use and Activity
<b>Name:</b> TEHAMA CO. FLOOD CONTROL & WATER CONSERVATION DISTRICT GSA <b>Address:</b> 225 NORTH TEHAMA ST. 225 NORTH TEHAMA ST. <b>City:</b> RED BLUFF <b>State:</b> California <b>Zip:</b> 96080	<b>Activity:</b> New Production or Monitoring Well <b>Planned Use:</b> Monitoring

Well Location		
<b>Address:</b>		<b>APN:</b> 049-010-042-000
<b>City:</b> <b>Zip:</b>		<b>Township:</b> 27N <b>Range:</b> 03W
<b>Latitude:</b> 40 Deg. 12 Min. 58.3596 Sec. N	<b>Longitude:</b> -122 Deg. 10 Min. 48.864 Sec. W	<b>Section:</b> 2 <b>BM:</b> Mount Diablo
<b>Dec. Lat. :</b> 40.216211	<b>Dec. Long. :</b> -122.18024	<b>Ground Surface Elevation:</b>
<b>Vertical Datum:</b>	<b>Horizontal Datum:</b>	<b>Elevation Accuracy:</b>
<b>Location Accuracy:</b>	<b>Location Determination Method:</b>	<b>Elevation Determination Method:</b>

Borehole Information	Water Level and Yield of Completed Well
<b>Orientation:</b> Vertical <b># of casings (Specify):</b> 3	<b>Depth to first water:</b> (Feet below surface)
<b>Drilling Method:</b> Direct Rotary <b>Drilling Fluid:</b> Bentonite	<b>Depth to Static Water Level:</b> (Feet)
<b>Total Depth of Boring:</b> 740 Feet	<b>Date Measured:</b>
<b>Total Depth of Completed Well:</b> 715 Feet	<b>Estimated Yield*:</b> (GPM) <b>Test Type:</b>
	<b>Test Length*:</b> (Hours) <b>Total Drawdown:</b> (Feet)
	*May not be representative of a well's long term yield.

Geologic Log - Free Form		
Depth from Surface (Feet to Feet)		Description
0	65	SAND AND GRAVEL
65	80	CLAY AND SAND
80	105	SAND
105	120	SAND AND CLAY
120	160	GRAVELLY SAND
160	260	SAND AND GRAVEL

Depth from Surface (Feet to Feet)		Description
260	285	SANDY GRAVEL
285	340	GRAVELLY SAND
340	380	SANDY GRAVEL
340	380	SANDY GRAVEL
380	590	SAND AND GRAVEL
590	740	SANDY 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	120	Blank	PVC	Other	0.17	2			
1	120	150	Screen	PVC	Other	0.17	2	Milled Slots	0.03	
1	150	155	Blank	PVC	Other	0.17	2			W/ BULLNOSE
2	0	340	Blank	PVC	Other	0.29	2.5			
2	340	360	Screen	PVC	Other	0.29	2.5	Milled Slots	0.03	
2	360	365	Blank	PVC	Other	0.29	2.5			W/ BULLNOSE
3	0	690	Blank	PVC	Other	0.29	2.5			
3	690	710	Screen	PVC	Other	0.29	2.5	Milled Slots	0.03	
3	710	715	Blank	PVC	Other	0.29	2.5			W/ BULLNOSE

Annular Material					
Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	110	Cement	10.3 Sack Mix		
110	115	Bentonite	Other Bentonite		CHIPS
115	160	Filter Pack	8 x 12		
160	170	Bentonite	Other Bentonite		CHIPS
170	250	Filter Pack	8 x 12		
250	260	Bentonite	Other Bentonite		CHIPS
260	330	Filter Pack	8 x 12		
330	335	Bentonite	Other Bentonite		CHIPS
335	370	Filter Pack	8 x 12		
370	380	Bentonite	Other Bentonite		CHIPS
380	570	Filter Pack	8 x 12		



Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
570	580	Bentonite	Other Bentonite		CHIPS
580	675	Filter Pack	8 x 12		
675	685	Bentonite	Other Bentonite		CHIPS
685	715	Filter Pack	8 x 12		
715	720	Bentonite	Other Bentonite		CHIPS
720	740	Other Fill	See description		NATIVE FILL

**Other Observations:**

Borehole Specifications		
Depth from Surface (Feet to Feet)		Borehole Diameter (inches)
0	380	12.75
380	740	8.75

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.			
<b>Name:</b> <u>WELL INDUSTRIES INC</u>			
Person, Firm or Corporation			
<u>3282 HIGHWAY 32</u>	<u>CHICO</u>	<u>California</u>	<u>95973</u>
Address	City	State	Zip
<b>Signed:</b> <u>electronic signature received</u>	<u>08/04/2025</u>	<u>812678</u>	
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					
<b>TRS:</b> <b>APN:</b>											

Attachments
No Attachments

## ANTELOPE 2

# **INSTALLATION SUMMARY REPORT NOTICE OF COMPLETION FOR ANTELOPE-2 MONITORING WELL**

**Prepared for:**

**Antelope Subbasin Groundwater Sustainability Agency**



**Prepared by:**

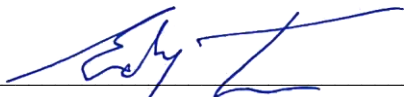


**June 30, 2025**

## INSTALLATION SUMMARY REPORT FOR ANTELOPE-2 MONITORING WELL

**June 30, 2025**

This report was prepared by the staff of Luhdorff and Scalmanini Consulting Engineers (LSCE) under the supervision of registered professionals.



Eddy Teasdale, PG, CHG  
Principal Hydrogeologist



Charlie Jenkins, PG  
Senior Geologist

*The Antelope Subbasin Groundwater Sustainability Agency gratefully acknowledges the funding contribution from the California Department of Water Resources. Funding for this project has been provided in part from the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018 (Proposition 68) and through an agreement with the State Department of Water Resources.*



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Figure 1 – Site Location Map
Figure 2 – Site Area Map
Figure 3 – As-Built Monitoring Well Profile

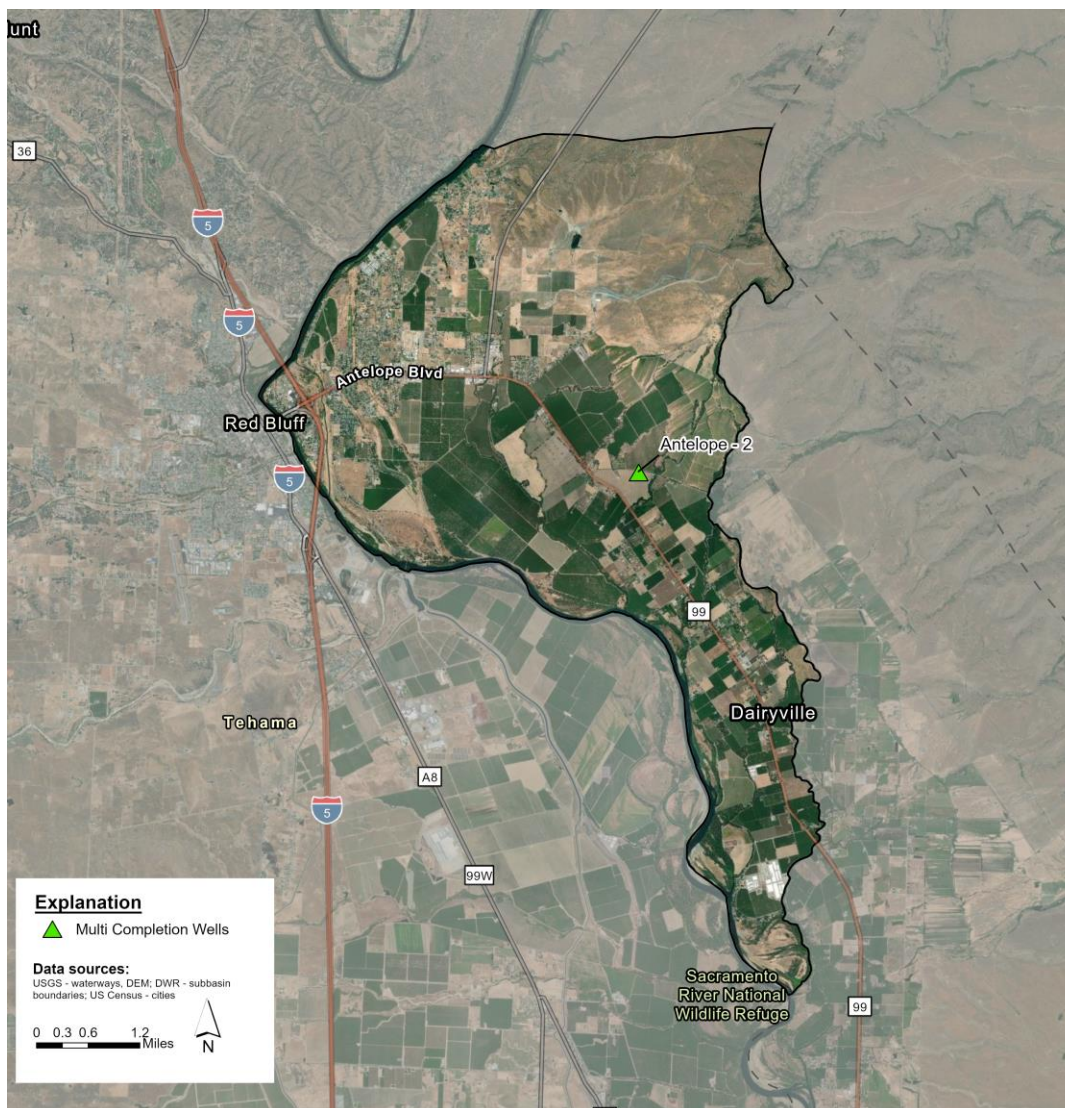
## APPENDICES

Appendix A – Monitoring Well Drilling and Construction Permit
Appendix B – Water Well Drillers Completion Report

## INTRODUCTION

The Antelope Subbasin Groundwater Sustainability Agency received grant funding from the California Department of Water Resources to support installation of groundwater monitoring wells important for implementation of the Antelope Subbasin Groundwater Sustainability Plan (GSP). Grant funding from the California Department of Water Resources (DWR) Sustainable Groundwater Management (SGM) grant program supported installation of a total of three (3) multi-completion monitoring wells for tracking groundwater levels and quality within the Subbasin.

This report summarizes the drilling and construction of the Antelope-2 Monitoring Well site shown on **Figure 1**. The monitoring well is one of three (3) new monitoring wells constructed from 2024 to 2025 within the Antelope Subbasin. Water level data collected from the monitoring wells will be used to support ongoing GSP implementation efforts in the Subbasins.



**Figure 1. Site Location Map**

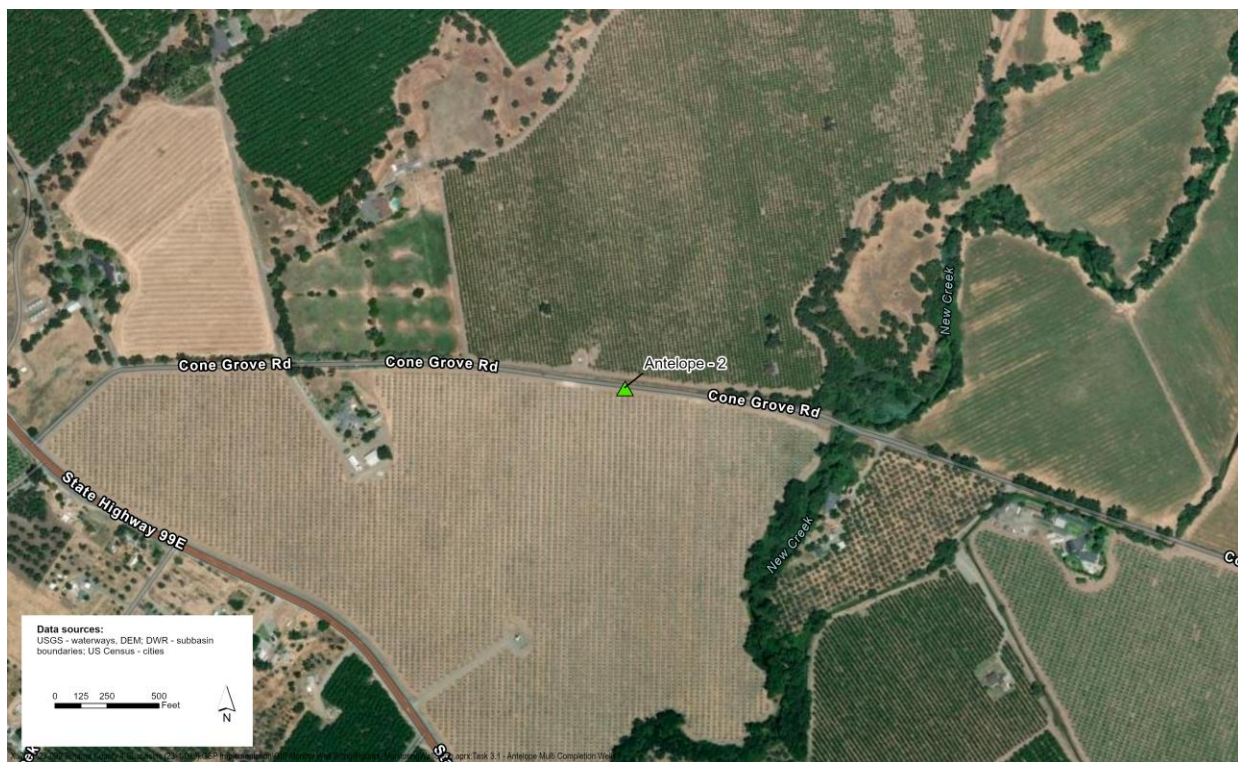


An assessment of data gaps conducted during the GSP preparation identified several areas for additional monitoring of groundwater levels and quality. These areas were the target for the construction for monitoring wells.

Preliminary test hole investigation depths were developed by Luhdorff and Scalmanini Consulting Engineers (LSCE) based on review of regional hydrogeology, available well completion reports (WCRs), Airborne Electromagnetic Survey (AEM) data, and monitoring objectives. Test hole drilling and monitoring well construction for the Antelope-2 monitoring well was conducted by Well Industries Inc. (C-57 License No. 812678) of Chico, California under the supervision of LSCE. The final monitoring well design was prepared by LSCE based on review of geophysical survey results and lithologic samples collected during test hole drilling.

## LOCATION AND MONITORING WELL PERMIT

The Antelope-2 monitoring well is located approximately 3,000 feet east of the intersection of Highway 99 and Cone Grove Road on Cone Grove Road in Tehama County (**Figure 2**). The monitoring well was constructed on the dirt turnout area on the south side of Cone Grove Road. An encroachment permit was obtained from the County before any work began. Well drilling and construction was conducted under a drilling permit (Permit No. W-69/24) issued by the Tehama County Department of Environmental Health. A copy of the drilling permit is included in **Appendix A**.



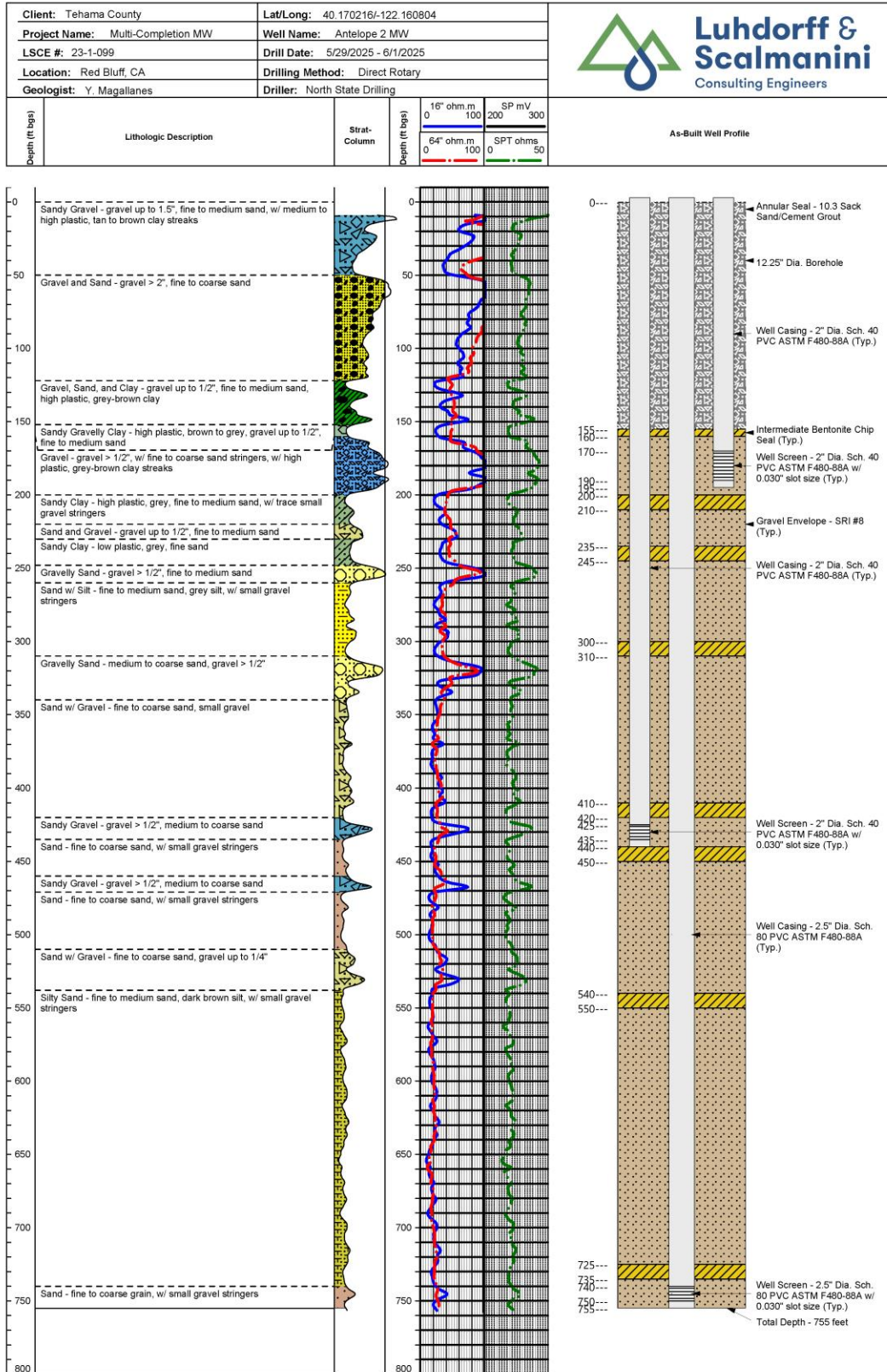
**Figure 2. Site Area Map**

## PRE-DRILLING UNDERGROUND UTILITY CLEARANCE

Before drilling operations commenced, the site was surveyed for underground utilities by Underground Service Alert (USA) of Northern California. No underground utilities were identified at the project site by USA.

## DRILLING AND MONITORING WELL INSTALLATION

LSCE recommended a preliminary test hole investigation depth of 760 feet below ground surface (bgs) at the Antelope-2 site. The test hole was drilled to a total depth of 760 feet bgs on May 29-30, 2025. The 8.75-inch diameter test hole was drilled using the direct mud rotary drilling method and representative formation samples were collected by Well Industries Inc. at 10-foot intervals. LSCE geologists described the collected samples and prepared the lithologic log included on the as-built well profile sheet (**Figure 3**). Stewart Well Logging of Woodland, CA performed a geophysical survey (e-log) of the test hole on May 30, 2025 (**Figure 3**). The test hole was then reamed to 12.75-inch diameter to allow for the construction of a triple-completion monitoring well.



X:\2023\23-099 Tehama County 4-Subbasins (23-1-099) GSP Implementation\Task 3\Task 3.1\DRILLING\Antelope 2 MW\WellDesign

Figure 3. As-Built Monitoring Well Profile

Monitoring well construction took place May 31 to June 1, 2025. LSCE prepared the well design based on review of the drill cuttings, geophysical survey results, and considering project objectives. The monitoring well was designed with the screens and seals placed at depths to facilitate monitoring of groundwater conditions in three separate depth intervals within the groundwater system. A five-foot sump is installed on the bottom of each well. Well construction details are summarized in **Table 1**.

**Table 1. Antelope-2 Monitoring Well Construction Details**

Site ID	Depth Interval	Casing String (depth in feet)	Casing Material	Screened Interval (depth in feet)	Annular Seal (depth in feet)
<b>Antelope-2</b>	Shallow	195	2-Inch Dia. Sch. 40 PVC	170-190	155
	Intermediate	440	2-Inch Dia. Sch. 40 PVC	425-435	
	Deep	755	2.5-Inch Dia. Sch. 80 PVC	740-750	

Gravel envelope and annular seal materials were placed in the borehole in accordance with the final monitoring well design (**Figure 3**). The three piezometers are housed within a traffic-rated flush-mount well vault. Well Completion Reports for the wells have been submitted to DWR and are included in **Appendix B**.

## WELL CONSTRUCTION MATERIALS

The monitoring well was constructed of the following materials:

**Well Casing** – 2-inch diameter ASTM F480-88A, Schedule 40 PVC, and 2.5-inch diameter ASTM F480-88A, Schedule 80 PVC

**Well Screen** – 2-inch diameter ASTM F480-88A, Schedule 40 PVC, and 2.5-inch diameter ASTM F480-88A, Schedule 80 PVC, 0.030-inch factory cut slots

**Gravel Envelope** – SRI #8

**Intermediate Seal** – Bentonite Chips

**Annular Seal** – 10.3-Sack Sand/Cement Slurry

## APPENDICIES

## APPENDIX A

### Monitoring Well Drilling and Construction Permit





**DEPARTMENT OF ENVIRONMENTAL HEALTH**

633 Washington St., Room 36  
Red Bluff, California 96080  
527-8020

Application No. W- 69/24

Antelope 2

MW

**APPLICATION TO CONSTRUCT OR DESTROY A WELL**

Application for: Public Water Well ☐ Individual Well ☐ Well Destruction ☐ Agricultural Well ☐ Export ☐ Onsite ☐  
Monitoring Well ☒ Cathodic Protection Well ☐ Other ☐

Type of Construction: New Construction ☒ Repair or Deepen ☐ Replacement ☐Owner's Name: TEHAMA COUNTY FOOD CONTROL & WATER CONSERVATION DISTRICT GSA Assessor's Parcel No. N/A 043-178-027-008Mailing Address: N/A Phone No.: N/ACity: N/A State: N/A Zip Code: N/AApplicant's Name: WELL INDUSTRIES INC. Phone No.: 530-391-5545Site Address: 40.17821625 - 122.16880426 Lot No: T.R.S. T27NR03W-25  
CONE GROVE RD

NAME OF WELL DRILLER <u>NORTH STATE Drilling / WELL INDUSTRIES INC</u>	CONTRACTOR'S LICENSE NUMBER <u>812678</u>
BUSINESS ADDRESS <u>3232 HWY 32</u> <u>CHICO, CA 95973</u>	

**WORKMEN'S COMPENSATION CERTIFICATE**

I AM AWARE OF THE PROVISION OF SECTION 3700 OF THE CALIFORNIA LABOR CODE WHICH  
REQUIRES EVERY EMPLOYER TO BE INSURED AGAINST LIABILITY FOR WORKMEN'S  
COMPENSATION.

- NOTE: 1. Provide a minimum twelve (12) hour notice prior to installing or placing annular seal.  
2. A satisfactory inspection or waiver by the Health Department and receipt of a Driller's report and a disinfection statement is required for final approval of work.  
3. Contact this Department within 7 days of completion of the well.  
4. Scaled Plot Plan is to be furnished for all applications, and shall show all septic tanks, leachlines, pits and other contamination hazards within 200 feet.

I hereby state that the information above and on plot plan is correct and true to the best of my knowledge.

I understand that the plot plan must be approved, obtained and be on site BEFORE any construction is begun. I further state, under penalty of perjury, that I am the owner of the property, the owner's authorized representative, or a Licensed Well Drilling Contractor.

I understand approval of the Water Well construction does not indicate whether this property is suitable for an individual sewage disposal system or that an approval to install such a system is granted.

Date: 8/19/2024 Signed: [Signature]**THE APPLICANT IS RESPONSIBLE FOR MAINTAINING REQUIRED SETBACKS****- OFFICIAL USE ONLY -** VISAReceived by: Lori Mueller Date: 8-20-24 Fee Received ☒ Cash ☐ Check ☐ Receipt no. 848595

Application Denied By: \_\_\_\_\_ (See Separate Report)

Well Inspection: Annular Seal \_\_\_\_\_ Sign & Date \_\_\_\_\_ Waived ☐ Final \_\_\_\_\_ Sign & Date \_\_\_\_\_ Waived ☐Surface Pad ☐ Annular Seal: \_\_\_\_\_ Depth \_\_\_\_\_ Type & Procedure \_\_\_\_\_ Well Yield \_\_\_\_\_ gpm

Drilling fluids and other drilling materials used in connection with this work shall be safely and appropriately handled and disposed of.

Other Conditions: MONITORING WELL CONSTRUCTION SHALL COMPLY WITH BULLETIN 74-90 CALIFORNIA WELL STANDARDS.

PERMISSION IS HEREBY GRANTED TO Well Industries, Inc. for the above well work in accordance with  
all State and County Laws, and conditions as set forth on the approved plot plan.

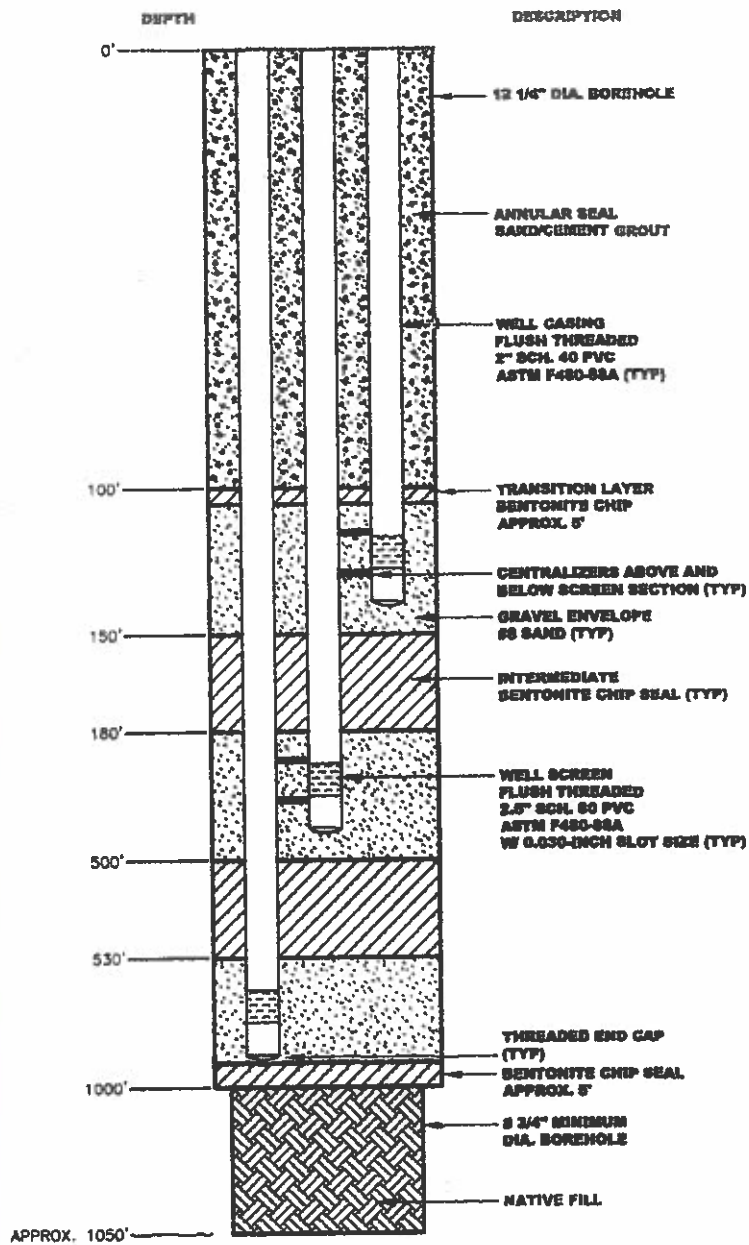
Granted by: [Signature] Additional conditions attached \_\_\_\_\_  
Effective date 8/26/24  
Expiration date 2/26/25











NOTE: DRAWING IS NOT TO SCALE

CSO FILE: Z:\LS ACAD Drawings\Projects\Wellfields Water\25-1-089\Figure 9.dwg DATE: 4/23/2024 12:18 PM



**Luhdorff &  
Scalmanini**  
Consulting Engineers

### Conceptual Monitoring Well Profile

Antelope Subbasin/ Antelope Ground Water Sustainability Agency

Figure 9

## APPENDIX B

### Water Well Drillers Completion Report





State of California  
Well Completion Report  
Form DWR 188 Submitted 08/04/2025  
WCR2025-007803

Owner's Well Number: ANTELOPE 2 MW

Date Work Began: 05/28/2025

Date Work Ended: 06/06/2025

Local Permit Agency: Tehama County Environmental Health Department

County: Tehama

Secondary Permit Agency:

Permit Number: W-69/24

Permit Date: 08/26/2024

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

Name: TEHAMA CO. FLOOD CONTROL & WATER CONSERVATION DISTRICT GSA

Address: 225 NORTH TEHAMA ST.

225 NORTH TEHAMA ST.

City: RED BLUFF State: California Zip: 96080

**Planned Use and Activity**

Activity: New Production or Monitoring Well

Planned Use: Monitoring

**Well Location**

Address:

City: Zip:

Latitude: 40 Deg. 10 Min. 13.51239562  
Sec. N

Dec. Lat. : 40.17042011

Vertical Datum:

Location Accuracy:

Longitude: -122 Deg. 9 Min. 9.98345951 Sec.  
W

Dec. Long. : -122.15277318

Horizontal Datum:

Location Determination Method:

APN: 043-170-074-000

Township: 27N Range: 03W

Section: 25 BM: Mount  
Diablo

Ground Surface Elevation:

Elevation Accuracy:

Elevation Determination Method:

**Borehole Information**

Orientation: Vertical # of casings (Specify): 3

Drilling Method: Direct Rotary Drilling Fluid: Bentonite

Total Depth of Boring: 755 Feet

Total Depth of Completed Well: 755 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	50	SANDY GRAVEL
50	120	GRAVEL AND SAND
120	150	GRAVEL, SAND AND CLAY
150	160	SANDY GRAVELLY CLAY

Depth from Surface (Feet to Feet)		Description
160	200	GRAVEL WITH CLAY STREAKS
200	220	SANDY CLAY W/ TRACE GRAVEL STRINGERS
220	230	SAND AND GRAVEL
230	250	SANDY CLAY
250	260	GRAVELLY SAND
260	310	SAND W/ SILT AND SMALL GRAVEL STRINGERS
310	340	GRAVELLY SAND
340	420	SAND W/ GRAVEL
420	435	SANDY GRAVEL
435	460	SAND W/ SMALL GRAVEL STRINGERS
460	470	SANDY GRAVEL
470	510	SAND W/ SMALL GRAVEL STRINGERS
510	540	SAND W/ GRAVEL
540	740	SILTY SAND W/ SMALL GRAVEL STRINGERS
740	755	SAND W/ GRAVEL STRINGERS

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	170	Blank	PVC	Other	0.17	2			
1	170	190	Screen	PVC	Other	0.17	2	Milled Slots	0.03	
1	190	195	Blank	PVC	Other	0.17	2			W/ BULLNOSE
2	0	425	Blank	PVC	Other	0.29	2.5			
2	425	435	Screen	PVC	Other	0.29	2.5	Milled Slots	0.03	
2	435	440	Blank	PVC	Other	0.29	2.5			W/ BULLNOSE
3	0	740	Blank	PVC	Other	0.29	2.5			
3	740	750	Screen	PVC	Other	0.29	2.5	Milled Slots	0.03	
3	750	755	Blank	PVC	Other	0.29	2.5			W/ BULLNOSE

Annular Material					
Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	155	Cement	10.3 Sack Mix		
155	160	Bentonite	Other Bentonite		CHIPS



Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
160	200	Filter Pack	8 x 12		
200	210	Bentonite	Other Bentonite		CHIPS
210	235	Filter Pack	8 x 12		
235	245	Bentonite	Other Bentonite		CHIPS
245	300	Filter Pack	8 x 12		
300	310	Bentonite	Other Bentonite		CHIPS
310	410	Filter Pack	8 x 12		
410	420	Bentonite	Other Bentonite		CHIPS
420	440	Filter Pack	8 x 12		
440	450	Bentonite	Other Bentonite		CHIPS
450	540	Filter Pack	8 x 12		
540	550	Bentonite	Other Bentonite		CHIPS
550	725	Filter Pack	8 x 12		
725	735	Bentonite	Other Bentonite		CHIPS
735	755	Filter Pack	8 x 12		

**Other Observations:**

Borehole Specifications		
Depth from Surface (Feet to Feet)		Borehole Diameter (inches)
0	755	12.75

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.			
<b>Name:</b>			
<u>WELL INDUSTRIES INC</u>			
Person, Firm or Corporation			
<u>3282 HIGHWAY 32</u>	<u>CHICO</u>	<u>California</u>	<u>95973</u>
Address	City	State	Zip
<b>Signed:</b>			
<u>electronic signature received</u>	<u>08/04/2025</u>	<u>812678</u>	
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					
<b>TRS:</b> <b>APN:</b>											

Attachments
No Attachments

## ANTELOPE 3

# **INSTALLATION SUMMARY REPORT NOTICE OF COMPLETION FOR ANTELOPE-3 MONITORING WELL**

**Prepared for:**

**Antelope Subbasin Groundwater Sustainability Agency**



**Prepared by:**



**June 30, 2025**

## INSTALLATION SUMMARY REPORT FOR ANTELOPE-3 MONITORING WELL

**June 30, 2025**

This report was prepared by the staff of Luhdorff and Scalmanini Consulting Engineers (LSCE) under the supervision of registered professionals.



Eddy Teasdale, PG, CHG  
Principal Hydrogeologist



Charlie Jenkins, PG  
Senior Geologist

*The Antelope Subbasin Groundwater Sustainability Agency gratefully acknowledges the funding contribution from the California Department of Water Resources. Funding for this project has been provided in part from the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018 (Proposition 68) and through an agreement with the State Department of Water Resources.*





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Introduction .....	1
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Pre-Drilling Underground Utility Clearance .....	3
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Well Construction Materials .....	5

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## LIST OF FIGURES

Figure 1 – Site Location Map
Figure 2 – Site Area Map
Figure 3 – As-Built Monitoring Well Profile

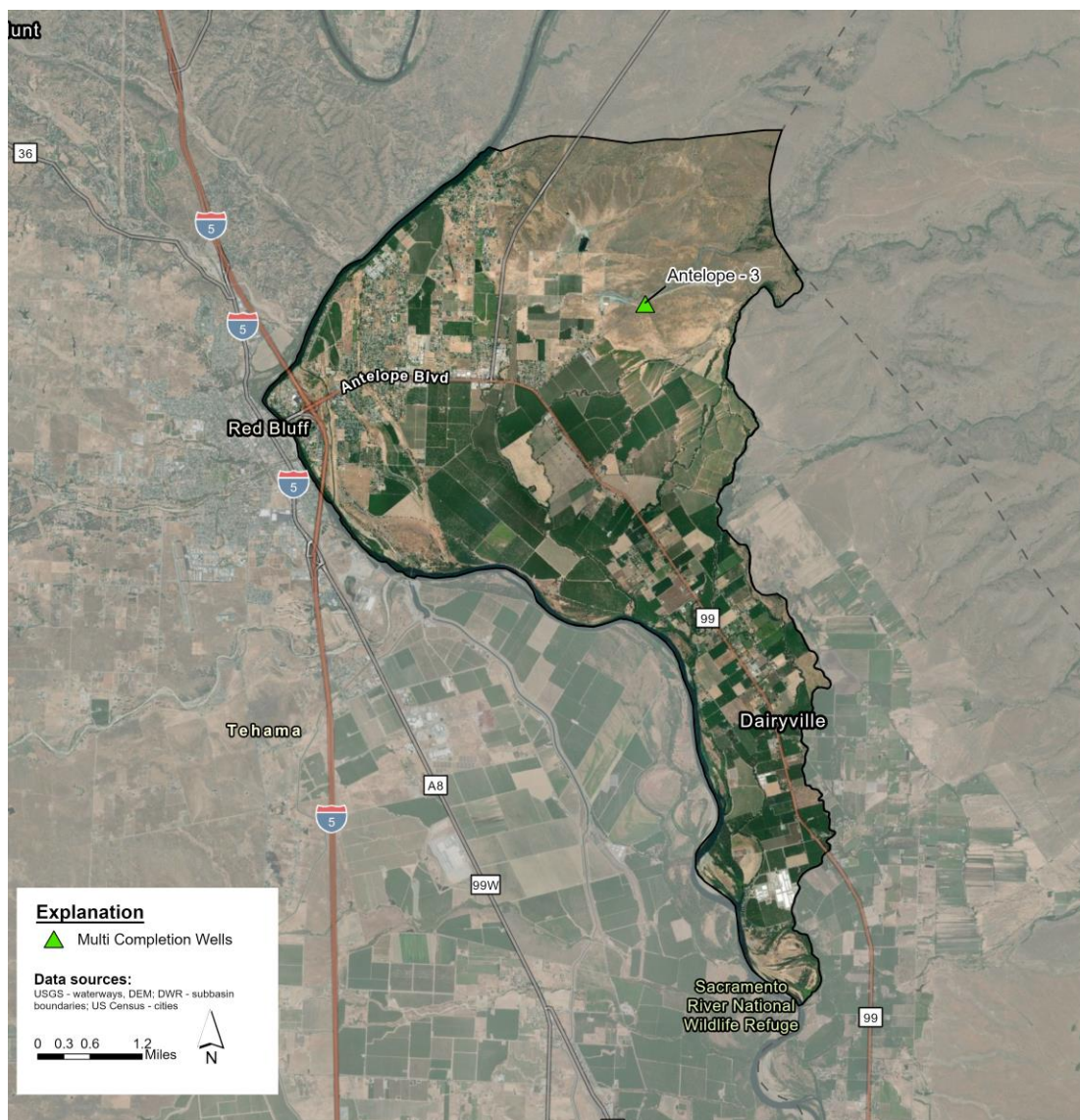
## APPENDICES

Appendix A – Monitoring Well Drilling and Construction Permit
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## INTRODUCTION

The Antelope Subbasin Groundwater Sustainability Agency received grant funding from the California Department of Water Resources to support installation of groundwater monitoring wells important for implementation of the Antelope Subbasin Groundwater Sustainability Plan (GSP). Grant funding from the California Department of Water Resources (DWR) Sustainable Groundwater Management (SGM) grant program supported installation of a total of three (3) multi-completion monitoring wells for tracking groundwater levels and quality within the Subbasin.

This report summarizes the drilling and construction of the Antelope-3 Monitoring Well site shown on **Figure 1**. The monitoring well is one of three (3) new monitoring wells constructed from 2024 to 2025 within the Antelope Subbasin. Water level data collected from the monitoring wells will be used to support ongoing GSP implementation efforts in the Subbasins.



**Figure 1. Site Location Map**

An assessment of data gaps conducted during the GSP preparation identified several areas for additional monitoring of groundwater levels and quality. These areas were the target for the construction for monitoring wells.

Preliminary test hole investigation depths were developed by Luhdorff and Scalmanini Consulting Engineers (LSCE) based on review of regional hydrogeology, available well completion reports (WCRs), Airborne Electromagnetic Survey (AEM) data, and monitoring objectives. Test hole drilling and monitoring well construction for the Antelope-3 monitoring well was conducted by Well Industries Inc. (C-57 License No. 812678) of Chico, California under the supervision of LSCE. The final monitoring well design was prepared by LSCE based on review of geophysical survey results and lithologic samples collected during test hole drilling.

## LOCATION AND MONITORING WELL PERMIT

The Antelope-3 monitoring well is located approximately 950 feet southwest of the intersection of Tuscan Springs Road and Hogsback Road in Tehama County (**Figure 2**). The monitoring well was constructed on the dirt turnout area on the south side of Hogsback Road. An encroachment permit was obtained from the County before any work began. Well drilling and construction was conducted under a drilling permit (Permit No. W-70/24) issued by the Tehama County Department of Environmental Health. A copy of the drilling permit is included in **Appendix A**.



**Figure 2. Site Area Map**

## PRE-DRILLING UNDERGROUND UTILITY CLEARANCE

Before drilling operations commenced, the site was surveyed for underground utilities by Underground Service Alert (USA) of Northern California. No underground utilities were identified at the project site by USA.

## DRILLING AND MONITORING WELL INSTALLATION

LSCE recommended a preliminary test hole investigation depth of 700 feet below ground surface (ft bgs) at the Antelope-3 site. The test hole was drilled to a total depth of 700 ft bgs from November 19-21, 2024. The 8.75-inch diameter test hole was drilled using the direct mud rotary drilling method and representative formation samples were collected by Well Industries Inc. at 10-foot intervals. LSCE geologists described the collected samples and prepared the lithologic log included on the as-built well profile sheet (**Figure 3**). Stewart Well Logging of Woodland, CA performed a geophysical survey (e-log) of the test hole on November 21, 2024 (**Figure 3**). The test hole was then reamed to 12.75-inch diameter from ground surface to 365 ft bgs to allow for the construction of a triple-completion monitoring well.



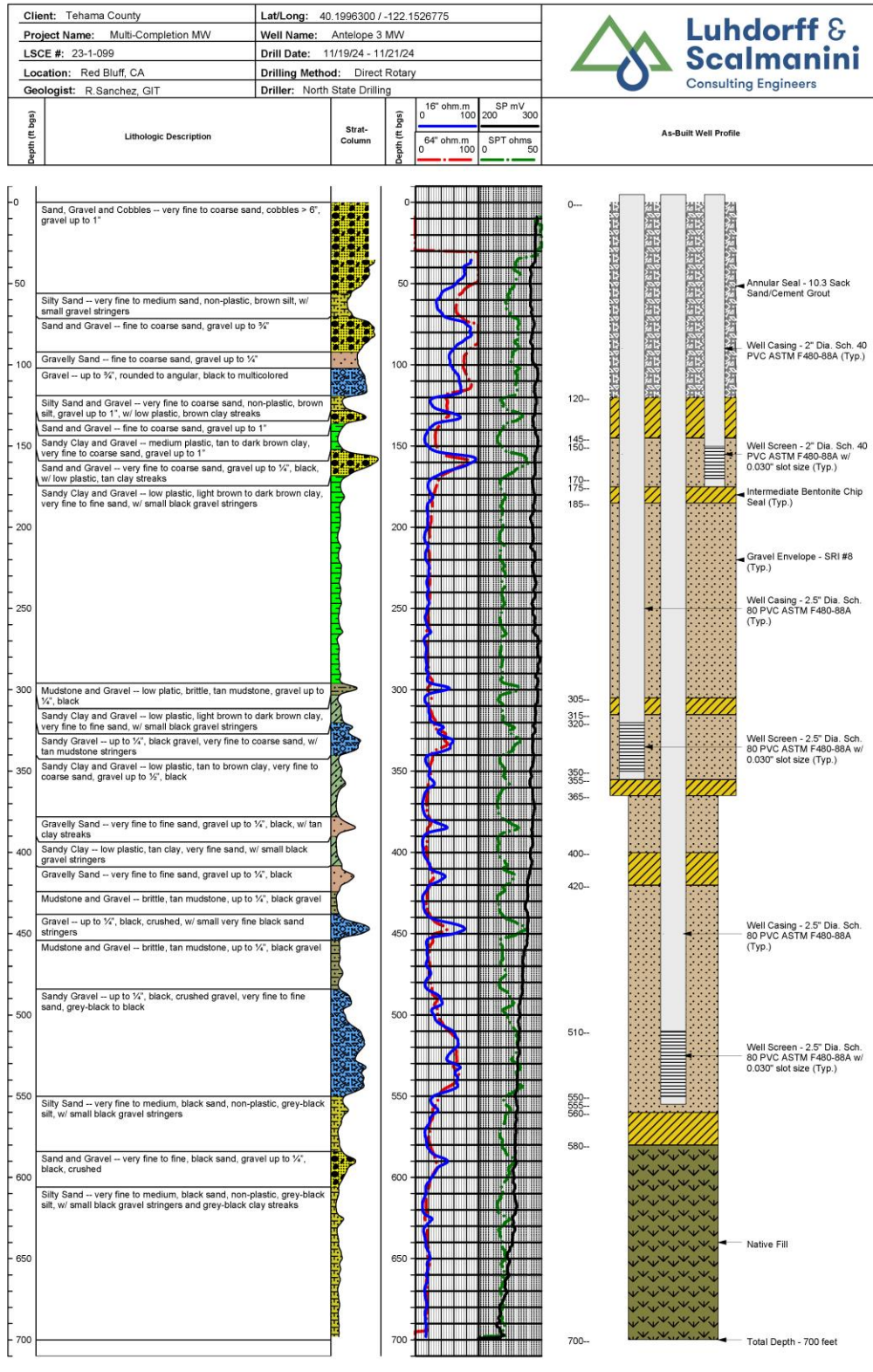


Figure 3. As-Built Monitoring Well Profile



Monitoring well construction took place from November 21-25, 2024. LSCE prepared the well design based on review of the drill cuttings, geophysical survey results, and considering project objectives. The monitoring well was designed with the screens and seals placed at depths to facilitate monitoring of groundwater conditions in three separate depth intervals within the groundwater system. A five-foot sump is installed on the bottom of each well. Well construction details are summarized in **Table 1**.

**Table 1. Antelope-3 Monitoring Well Construction Details**

Site ID	Depth Interval	Casing String (ft bgs)	Casing Material	Screened Interval (ft bgs)	Annular Seal (ft bgs)
<b>Antelope-3</b>	Shallow	175	2-Inch Dia. Sch. 40 PVC	150-170	120
	Intermediate	355	2.5-Inch Dia. Sch. 80 PVC	320-350	
	Deep	555	2.5-Inch Dia. Sch. 80 PVC	510-550	

Gravel envelope and annular seal materials were placed in the borehole in accordance with the final monitoring well design (**Figure 3**). The three piezometers are housed within a traffic-rated flush-mount well vault.

## WELL CONSTRUCTION MATERIALS

The monitoring well was constructed of the following materials:

**Well Casing** – 2-inch diameter ASTM F480-88A, Schedule 40 PVC, and 2.5-inch diameter ASTM F480-88A, Schedule 80 PVC

**Well Screen** – 2-inch diameter ASTM F480-88A, Schedule 40 PVC, and 2.5-inch diameter ASTM F480-88A, Schedule 80 PVC, 0.030-inch factory cut slots

**Gravel Envelope** – SRI #8

**Intermediate Seal** – Bentonite Chips

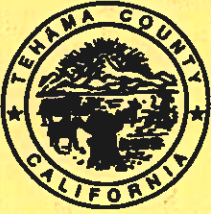
**Annular Seal** – 10.3-Sack Sand/Cement Slurry

## APPENDICIES

## APPENDIX A

### Monitoring Well Drilling and Construction Permit





DEPARTMENT OF ENVIRONMENTAL HEALTH  
633 Washington St., Room 36  
Red Bluff, California 96080  
527-8020

Application No. W- 70/24

Antelope 3

APPLICATION TO CONSTRUCT OR DESTROY A WELL

Application for: Public Water Well ☐ Individual Well ☐ Well Destruction ☐ Agricultural Well ☐ Export ☐ Onsite ☐  
Monitoring Well ☒ Cathodic Protection Well ☐ Other ☐  
Type of Construction: New Construction ☒ Repair or Deepen ☐ Replacement ☐  
Owner's Name: TEHAMA COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT GSA Assessor's Parcel No. N/A NEAREST APN: 049-868-843-800  
Mailing Address: N/A Phone No.: N/A  
City: N/A State: N/A Zip Code: N/A  
Applicant's Name: WELL INDUSTRIES, INC. Phone No.: 538-991-5545  
Site Address: 40-19936094-122-15282204 Lot No:  T.R.S. T27N-R03W-13  
HOGS BACK ROAD

NAME OF WELL DRILLER <u>NORTH STATE Drilling / WELL INDUSTRIES INC</u>	CONTRACTOR'S LICENSE NUMBER <u>812678</u>
BUSINESS ADDRESS <u>3232 Hwy 32</u> <u>CHICO CA 95973</u>	

WORKMEN'S COMPENSATION CERTIFICATE

I AM AWARE OF THE PROVISION OF SECTION 3700 OF THE CALIFORNIA LABOR CODE WHICH REQUIRES EVERY EMPLOYER TO BE INSURED AGAINST LIABILITY FOR WORKMEN'S COMPENSATION.

- NOTE: 1. Provide a minimum twelve (12) hour notice prior to installing or placing annular seal.  
2. A satisfactory inspection or waiver by the Health Department and receipt of a Driller's report and a disinfection statement is required for final approval of work.  
3. Contact this Department within 7 days of completion of the well.  
4. Scaled Plot Plan is to be furnished for all applications, and shall show all septic tanks, leachlines, pits and other contamination hazards within 200 feet.

I hereby state that the information above and on plot plan is correct and true to the best of my knowledge.

I understand that the plot plan must be approved, obtained and be on site BEFORE any construction is begun. I further state, under penalty of perjury, that I am the owner of the property, the owner's authorized representative, or a Licensed Well Drilling Contractor.

I understand approval of the Water Well construction does not indicate whether this property is suitable for an individual sewage disposal system or that an approval to install such a system is granted.

Date: 8/19/2024 Signed: [Signature]

THE APPLICANT IS RESPONSIBLE FOR MAINTAINING REQUIRED SETBACKS

- OFFICIAL USE ONLY - VISA

Received by: Lori Mueller Date: 8-20-24 Fee Received ☒ Cash ☐ Check ☐ Receipt no. 848595

Application Denied By: \_\_\_\_\_ (See Separate Report)

Well Inspection: Annular Seal \_\_\_\_\_ Waived ☐ Final \_\_\_\_\_ Waived ☐  
Sign & Date Sign & Date

Surface Pad ☐ Annular Seal: \_\_\_\_\_ Well Yield \_\_\_\_\_ gpm  
Depth Type & Procedure

Drilling fluids and other drilling materials used in connection with this work shall be safely and appropriately handled and disposed of.

Other Conditions: MONITORING WELL CONSTRUCTION SHALL COMPLY WITH BULLETIN 74-90 CALIFORNIA

WELL STANDARDS.

PERMISSION IS HEREBY GRANTED TO Well Industries, Inc. for the above well work in accordance with all State and County Laws, and conditions as set forth on the approved plot plan.

Additional conditions attached \_\_\_\_\_

Effective date 8/26/24

Expiration date 2/26/25

Granted by: [Signature]









Data sources:  
USGS - waterways, DEM, DWR - subbasin  
boundaries, US Census - cities

0 25 50 100 Feet  
N

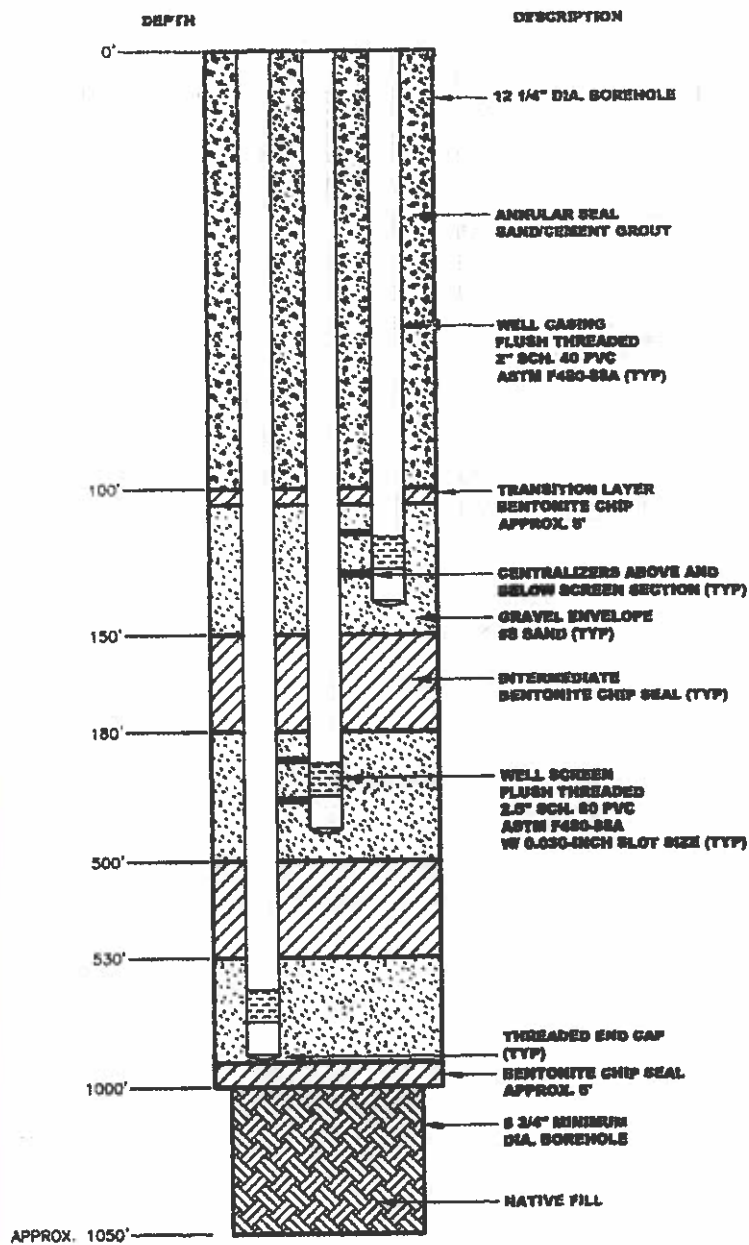
Antelope MC Well 3



**Luhdorff &  
Scalmanini**  
Consulting Engineers

**Antelope Multi-Completion Well 3**

Lat/Long: 40.19936094, -122.15282204



NOTE: DRAWING IS NOT TO SCALE

\\LH\ASAC\Dropbox\Projects\Westlands Water\23-1-089\Figure 8.dwg DATE: 4/25/2024 12:18 PM



**Luhdorff &  
Scalmanini**  
Consulting Engineers

### Conceptual Monitoring Well Profile

Antelope Subbasin/ Antelope Ground Water Sustainability Agency

Figure 9

## APPENDIX B

### Water Well Drillers Completion Report



State of California  
Well Completion Report  
Form DWR 188 Submitted 08/04/2025  
WCR2025-007804

Owner's Well Number: ANTELOPE 3 MW

Date Work Began: 11/19/2024

Date Work Ended: 11/26/2024

Local Permit Agency: Tehama County Environmental Health Department

County: Tehama

Secondary Permit Agency:

Permit Number: W-70/24

Permit Date: 08/26/2024

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

Name: TEHAMA CO. FLOOD CONTROL & WATER CONSERVATION DISTRICT GSA

Address: 225 NORTH TEHAMA ST.

City: RED BLUFF State: California Zip: 96080

**Planned Use and Activity**

Activity: New Production or Monitoring Well

Planned Use: Monitoring

**Well Location**

Address:

City: Zip:

Latitude: 40 Deg. 11 Min. 57.81316955  
Sec. N

Longitude: -122 Deg. 9 Min. 10.35916758  
Sec. W

Dec. Lat. : 40.19939255

Dec. Long. : -122.15287755

Vertical Datum:

Horizontal Datum:

Location Accuracy:

Location Determination Method:

APN: 049-060-043-000

Township: Range:  
27N 03W

Section: BM: Mount  
13 Diablo

Ground Surface Elevation:

Elevation Accuracy:

Elevation Determination  
Method:

**Borehole Information**

Orientation: Vertical # of casings (Specify): 3

Drilling Method: Direct Rotary 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	55	SAND, GRAVEL AND COBBLES
55	70	SILTY SAND W/ SMALL GRAVEL STRINGERS
70	90	SAND AND GRAVEL
90	100	GRAVELLY SAND



Depth from Surface (Feet to Feet)		Description
100	120	GRAVEL
120	130	SILTY SAND AND GRAVEL W/ BROWN CLAY STREAKS
130	135	SAND AND GRAVEL
135	150	SANDY CLAY AND GRAVEL
150	170	SAND AND GRAVEL W/ TAN CLAY STREAKS
170	295	SANDY CLAY AND GRAVEL
295	300	MUDSTONE AND GRAVEL
300	320	SANDY CLAY AND GRAVEL
320	340	SANDY GRAVEL W/ TAN MUD STONE STRINGERS
340	380	SANDY CLAY AND GRAVEL
380	390	GRAVELLY SAND W/ TAN CLAY STREAKS
390	410	SANDY CLAY W SMALL BLACK GRAVEL STRINGERS
410	425	GRAVELLY SAND
425	440	MUD STONE AND GRAVEL
440	455	GRAVEL W/ FINE BLACK SAND
455	485	MUDSTONE AND GRAVEL
485	550	SANDY GRAVEL
550	585	SILTY SAND W SMALL BLACK SAND STRINGERS
585	605	SAND AND GRAVEL
605	700	SILTY SAND W/ BLACK GRAVEL STREAKS AND GREY CLAY STREAKS

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	150	Blank	PVC	Other	0.17	2			
1	150	170	Screen	PVC	Other	0.17	2	Milled Slots	0.03	
1	170	175	Blank	PVC	Other	0.17	2			W/ BULLNOSE
2	0	320	Blank	PVC	Other	0.29	2.5			
2	320	350	Screen	PVC	Other	0.29	2.5	Milled Slots	0.03	
2	350	355	Blank	PVC	Other	0.29	2.5			W/ BULLNOSE
3	0	510	Blank	PVC	Other	0.29	2.5			
3	510	550	Screen	PVC	Other	0.29	2.5	Milled Slots	0.03	
3	550	555	Blank	PVC	Other	0.29	2.5			W/ BULLNOSE



Annular Material					
Depth from Surface (Feet to Feet)		Fill	Fill Type Details	Filter Pack Size	Description
0	120	Cement	10.3 Sack Mix		
120	145	Bentonite	Other Bentonite		CHIPS
145	175	Filter Pack	8 x 12		
175	185	Bentonite	Other Bentonite		CHIPS
185	305	Filter Pack	8 x 12		
305	315	Bentonite	Other Bentonite		CHIPS
315	355	Filter Pack	8 x 12		
355	365	Bentonite	Other Bentonite		CHIPS
365	400	Filter Pack	8 x 12		
400	420	Bentonite	Other Bentonite		CHIPS
420	560	Filter Pack	8 x 12		
560	580	Bentonite	Other Bentonite		CHIPS
580	700	Other Fill	See description		NATIVE FILL

**Other Observations:**

Borehole Specifications		
Depth from Surface (Feet to Feet)		Borehole Diameter (inches)
0	365	12.75
365	700	8.75

Certification Statement			
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.			
<b>Name:</b> <u>WELL INDUSTRIES INC</u> Person, Firm or Corporation			
<u>3282 HIGHWAY 32</u>	<u>CHICO</u>	<u>California</u>	<u>95973</u>
Address	City	State	Zip
<b>Signed:</b> <u>electronic signature received</u> <u>08/04/2025</u> <u>812678</u> 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					
<b>TRS:</b> <b>APN:</b>											

Attachments
No Attachments