

## ATTACHMENT K

### CONSTRUCTION DETAILS

#### 1. FACILITY INFORMATION

Facility Name: CarbonFrontier

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#### Well Information:

Well Number	County, State	Latitude	Longitude
CI1-64Z-27N	Kern County, CA	35°33'9.4877"N	119°48'26.3702"W
CI2-64Z-35N	Kern County, CA	35°32'32.6713"N	119°47'37.0682"W
CI3-64Z-35N	Kern County, CA	35°32'11.6457"N	119°47'7.5912"W
CI4-64Z-35N	Kern County, CA	35°31'55.4154"N	119°46'51.7864"W
27R-27N	Kern County, CA	35°33'2.4280"N	119°48'28.6103"W
55-26N	Kern County, CA	35°32'43.2520"N	119°47'32.7755"W
64-35N	Kern County, CA	35°31'44.3600"N	119°46'44.9788"W
9-1N	Kern County, CA	35°31'31.6480"N	119°46'37.0154"W
64-27N	Kern County, CA	35°32'38.0979"N	119°47'54.6576"W

#### Version History

File Name	Version	Date	Description of Change
Attachment K – Aera CCS Construction Details.pdf	1	January 19, 2023	Original document
Attachment K – CarbonFrontier Construction Details V2 04182024.pdf	2	April 18, 2023	Revisions made based on additional monitoring well and construction specifications

The construction details for the following wells are described in this attachment:

- New-drill injection wells:
  - CI1-64Z-27N
  - CI2-64Z-35N
  - CI3-64Z-35N
  - CI4-64Z-35N
- Repurposed injection wells:
  - 27R-27N
  - 55-26N

- 64-35N
- 9-1N
- 64-27N
- Repurposed monitoring wells:
  - 1-28N
  - 25-26N
  - 27-1N
  - 39-26N
  - 35X-27N

## 2. WELL CONSTRUCTION DETAILS – NEW-DRILL INJECTION WELLS

The well construction diagram for new-drill wells (CI1-64Z-27N, CI2-64Z-35N, CI3-64Z-35N, and CI4-64Z-35N) is shown in **Figure 1**. **Tables 1.a, 1.b, 1.c, and 1.d** show the respective well construction details.

**Table 1.a: Open Hole Diameters and Intervals – New-Drill Wells**

Name	Depth Interval (ft)	Open Hole Diameter (in.)	Comment
Conductor	Surface – 50	26	New drilled hole and casing
Surface	Surface – 1,000	17.5	New drilled hole and casing
Intermediate	Surface – 6,100	12.25	New drilled hole and casing
Long-string section 1	Surface – 6,000	8.5	New drilled hole and casing
Long-string section 2	6,000 – 8,000	8.5	New drilled hole and casing
Liner	7,700 – 8,500	6	New drilled hole and casing

**Table 1.b: Casing Specifications – New-Drill Well**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Outside Diameter (in.)</b>	<b>Inside Diameter (in.)</b>	<b>Weight (ppf)</b>	<b>Grade (API)</b>	<b>Design Coupling (Short or Long Threaded)</b>	<b>Thermal Conductivity @68°F (BTU/ft hr, °F)</b>	<b>Burst Strength (psi)</b>	<b>Collapse Strength (psi)</b>
Conductor	Surface – 50	20	19.124	94	H40	Short	26.2	1,530	520
Surface	Surface – 1,000	13.375	12.615	54.5	K55	Short	26.2	2,730	1,130
Intermediate	Surface – 6,100	9.625	8.835	40	K55	Long	26.2	3,950	2,570
Long-string section 1	Surface - 6,000	7	6.276	26	L80	Long	26.2	7,240	5,410
Long-string section 2	6,000 - 8,000	7	6.276	29	Mod 13Cr110	Long	15.0	9,960	6,230
Liner	7,700 – 8,500	4.5	3.958	12.6	Mod 13Cr95	Long	15.0	10,010	6,350

**Table 1.c: Tubing Specifications – New-Drill Well**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Outside Diameter (in.)</b>	<b>Inside Diameter (in.)</b>	<b>Weight (ppf)</b>	<b>Grade (API)</b>	<b>Design Coupling (Short or Long Threaded)</b>	<b>Burst strength (psi)</b>	<b>Collapse strength (psi)</b>	<b>Tensile strength (lbf)</b>
Injection tubing	Surface - 7,300	4.5	4.000	11.6	Mod 13Cr80	Long	7,780	6,350	267,040

**Table 1.d: Packer Specifications – New-Drill Well**

<b>Packer Type and Material</b>	<b>Packer Setting Depth (ft)</b>	<b>Length (in.)</b>	<b>Nominal Casing Weight (ppf)</b>	<b>Packer Main Body Outer Diameter (in.)</b>	<b>Packer Inner Diameter (in.)</b>
Permanent or retrievable with latched seal assembly – Alloy 718 or equivalent	7,300	74	23-32	5.937	3.875 in. (based on tubing drift ID)

<b>Tensile Rating (lbs)</b>	<b>Burst Rating (psi)</b>	<b>Collapse Rating (psi)</b>	<b>Max. Casing Inner Diameter (in.)</b>	<b>Min. Casing Inner Diameter (in.)</b>
151,585	10,000	9,676	6.276 in. (nominal ID for 7 in. 26-ppf casing)	6.151 in. (drift diameter for 7-in. 26-ppf casing)

### **3. WELL CONSTRUCTION DETAILS – 27R-27N**

The well construction diagram for well 27R-27N is shown in **Figure 2. Tables 2.a, 2.b, 2.c, and 2.d** show the respective well construction details.

**Table 2.a: Open Hole Diameters and Intervals – 27R-27N**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Open Hole Diameter (in.)</b>	<b>Comment</b>
Conductor	Surface – 90	Not reported	Existing casing
Surface	Surface – 805	22-in. hole	Existing casing
Long-string	Surface – 7,789	10.625-in. hole	Existing casing
Cutoff Casing	7,775 – 8,820	7.875-in. hole	Existing casing
Liner	8,800 – 8,940	5.625-in. hole	Existing liner
Long-string section 1	Surface – 7,220	8.032 (ID of 9-in. casing)	New inner casing
Long-string section 2	7,220 – 7,693	8.032 (ID of 9-in. casing)	New inner casing
Liner	7,630 – 8,250	5.855 (ID of 6.625-in. liner)	New inner liner

**Table 2.b: Casing Specifications – 27R-27N**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Outside Diameter (in.)</b>	<b>Inside Diameter (in.)</b>	<b>Weight (ppf)</b>	<b>Grade (API)</b>	<b>Design Coupling (Short or Long Threaded)</b>	<b>Thermal Conductivity @68°F (BTU/ft hr, °F)</b>	<b>Burst Strength (psi)</b>	<b>Collapse Strength (psi)</b>
Conductor	Surface – 90	20	Not reported	Not reported	Not reported	Short	26.2	Not reported	Not reported
Surface	Surface – 805	16	15.124	72.72	Not reported	Short	26.2	Not reported	Not reported
Long-string	Surface – 7,789	9	8.032	45	J55	Long	26.2	5,180	4,670
Cutoff casing	7,775 – 8,820	6.625	5.885	26	N80	Long	26.2	8,140	6,980
Liner	8,800 – 8,940	4.75	4.082	16	J55	Long	26.2	6,770	7,190
Long-string section 1	Surface – 7,220	7	6.276	26	L80	Long	26.2	7,240	5,410
Long-string section 2	7,220 – 7,693	7	6.276	26	Mod 13Cr80	Long	15.0	7,240	5,410
Liner	7,630 – 8,250	4.5	3.958	11.6	Mod 13Cr80	Long	15.0	10,010	8,410

**Table 2.c: Tubing Specifications – 27R-27N**

<b>Name</b>	<b>Setting Depth (ft)</b>	<b>Outside Diameter (in.)</b>	<b>Inside Diameter (in.)</b>	<b>Weight (ppf)</b>	<b>Grade (API)</b>	<b>Design Coupling (Short or Long Threaded)</b>	<b>Burst strength (psi)</b>	<b>Collapse strength (psi)</b>	<b>Tensile strength (lbf)</b>
Injection tubing	Surface - 7,570	4.5	4.000	11.6	Mod 13Cr80	Long	7,780	6,350	267,040

**Table 2.d: Packer Specifications – 27R-27N**

<b>Packer Type and Material</b>	<b>Packer Setting Depth (ft)</b>	<b>Length (in.)</b>	<b>Nominal Casing Weight (ppf)</b>	<b>Packer Main Body Outer Diameter (in.)</b>	<b>Packer Inner Diameter (in.)</b>
Permanent or retrievable with latched seal assembly – Alloy 718 or equivalent	7,570	74	23-32	5.937	3.875 in. (based on tubing drift ID)

<b>Tensile Rating (lbs)</b>	<b>Burst Rating (psi)</b>	<b>Collapse Rating (psi)</b>	<b>Max. Casing Inner Diameter (in.)</b>	<b>Min. Casing Inner Diameter (in.)</b>
151,585	10,000	9,676	6.276 in. (nominal ID for 7-in. 26-ppf casing)	6.151 in. (drift diameter for 7-in. 26-ppf casing)

#### **4. WELL CONSTRUCTION DETAILS – 55-26N**

The well construction diagram for well 55-26N is shown in **Figure 3. Tables 3.a, 3.b, 3.c, and 3.d** show the respective well construction details.

**Table 3.a: Open Hole Diameters and Intervals – 55-26N**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Open Hole Diameter (in.)</b>	<b>Comment</b>
Conductor	Surface – 48	Not reported	Existing casing
Surface	Surface – 812	22-in. hole	Existing casing
Intermediate	Surface – 5,700	14 ¾-in. hole	Existing casing
Long string	Surface – 8,230	10 5/8-in. hole	Existing casing
Cutoff casing	8,260 – 9,442	7 7/8 -in. hole	Existing casing
Liner	9,340 – 10,800	5 5/8-in. hole	Existing liner
Long-string section 1	Surface – 7,260	8.032 (ID of 9-in. casing)	New inner casing
Long-string section 2	7,260 – 7,630	8.032 (ID of 9-in. casing)	New inner casing
Liner	7,575 – 8,161	8.032 (ID of 9-in. casing)	New liner

**Table 3.b: Casing Specifications – 55-26N**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Outside Diameter (in.)</b>	<b>Inside Diameter (in.)</b>	<b>Weight (ppf)</b>	<b>Grade (API)</b>	<b>Design Coupling (Short or Long Threaded)</b>	<b>Thermal Conductivity @68°F (BTU/ft hr, °F)</b>	<b>Burst Strength (psi)</b>	<b>Collapse Strength (psi)</b>
Conductor	Surface – 48	30	Not reported	Not reported	Not reported	Short	26.2	Not reported	Not reported
Surface	Surface – 812	16	15.124	72.72	Not reported	Short	26.2	Not reported	Not reported
Intermediate	Surface – 5,700	11.75	10.772	61	J55	Long	26.2	4,010	2,670
Long-string	Surface – 8,230	9	8.032	45	J55	Long	26.2	5,180	4,670
Cutoff casing	8,260 – 9,442	6.625	5.855	26	N80	Long	26.2	10,250	10,690
Liner	9,340 – 10,800	4.75	4.082	16	J55	Long	26.2	6,770	7,190
Long-string section 1	Surface - 7,260	7	6.276	26	L80	Long	26.2	7,240	5,410
Long-string section 2	7,260 - 7,630	7	6.276	26	Mod 13Cr80	Long	15.0	7,240	5,410
Liner	7,575 - 8,161	4.5	3.958	12.6	Mod 13Cr95	Long	15.0	10,010	8,410

**Table 3.c: Tubing Specifications – 55-26N**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Outside Diameter (in.)</b>	<b>Inside Diameter (in.)</b>	<b>Weight (ppf)</b>	<b>Grade (API)</b>	<b>Design Coupling (Short or Long Threaded)</b>	<b>Burst strength (psi)</b>	<b>Collapse strength (psi)</b>	<b>Tensile strength (lbf)</b>
Injection tubing	Surface - 7,510	4.5	4.000	11.6	Mod 13Cr80	Long	7,780	6,350	267,040

**Table 3.d. Packer Specifications – 55-26N**

<b>Packer Type and Material</b>	<b>Packer Setting Depth (ft)</b>	<b>Length (in.)</b>	<b>Nominal Casing Weight (ppf)</b>	<b>Packer Main Body Outer Diameter (in.)</b>	<b>Packer Inner Diameter (in.)</b>
Permanent or retrievable with latched seal assembly – Alloy 718 or equivalent	7,510	74	23-32	5.937	3.875 in. (based on tubing drift ID)

<b>Tensile Rating (lbs)</b>	<b>Burst Rating (psi)</b>	<b>Collapse Rating (psi)</b>	<b>Max. Casing Inner Diameter (in.)</b>	<b>Min. Casing Inner Diameter (in.)</b>
151,585	10,000	9,676	6.276 in. (nominal ID for 7-in. 26-ppf casing)	6.151 in. (drift diameter for 7-in. 26-ppf casing)

## **5. WELL CONSTRUCTION DETAILS – 64-35N**

The well construction diagram for well 64-35N is shown in **Figure 4. Tables 4.a, 4.b, 4.c, and 4.d** show the respective well construction details.

**Table 4.a: Open Hole Diameters and Intervals – 64-35N**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Open Hole Diameter (in.)</b>	<b>Comment</b>
Conductor	Surface – 89	Not reported	Existing casing
Surface	Surface – 870	22-in. hole	Existing casing
Intermediate	Surface – 5,683	14.75-in. hole	Existing casing
Long-string	Surface – 7,820	10.625-in. hole	Existing casing
Liner	7,787 – 8156	7.875-in. hole.	Uncemented liner to be removed.
Long-string section 1	Surface – 7,220	8.032 (ID of 9-in. casing)	New inner casing
Long-string section 2	7,220 – 7,630	8.032 (ID of 9-in. casing)	New inner casing
Liner	7,580 – 8,151	6.276 (ID of 7-in. casing)	New liner

**Table 4.b: Casing Specifications – 64-35N**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Outside Diameter (in.)</b>	<b>Inside Diameter (in.)</b>	<b>Weight (ppf)</b>	<b>Grade (API)</b>	<b>Design Coupling (Short or Long Threaded)</b>	<b>Thermal Conductivity @68°F (BTU/ft hr, °F)</b>	<b>Burst Strength (psi)</b>	<b>Collapse Strength (psi)</b>
Conductor	Surface – 89	20	Not reported	Not reported	Not reported	Short	26.2	Not reported	Not reported
Surface	Surface – 870	16	15.124	72.72	Not reported	Short	26.2	Not reported	Not reported
Intermediate	Surface – 5,683	11.75	10.772	61	J55	Long	26.2	4,010	2,670
Long-string	Surface - 5,631	9	8.032	46.1	J55	Long	26.2	5,180	4,670
Long-string	5631 – 7,820	9	8.032	45	J55	Long	26.2	5,180	4,670
Long-string 1	Surface - 7,220	7	6.276	26	L80	Long	26.2	7,240	5,410
Long-string 2	7,220 - 7,630	7	6.276	26	13Cr80	Long	15.0	7,240	5,410
Liner	7,580 - 8,151	4.5	3.958	12.6	13Cr110	Long	15.0	10,010	8,410

**Table 4.c: Tubing Specifications – 64-35N**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Outside Diameter (in.)</b>	<b>Inside Diameter (in.)</b>	<b>Weight (ppf)</b>	<b>Grade (API)</b>	<b>Design Coupling (Short or Long Threaded)</b>	<b>Burst strength (psi)</b>	<b>Collapse strength (psi)</b>	<b>Tensile strength (lbf)</b>
Injection tubing	Surface - 7,530	4.5	4.000	11.6	Mod 13Cr80	Long	7,780	6,350	267,040

**Table 4.d: Packer Specifications – 64-35N**

<b>Packer Type and Material</b>	<b>Packer Setting Depth (ft)</b>	<b>Length (in.)</b>	<b>Nominal Casing Weight (ppf)</b>	<b>Packer Main Body Outer Diameter (in.)</b>	<b>Packer Inner Diameter (in.)</b>
Permanent or retrievable with latched seal assembly – Alloy 718 or equivalent	7,530	74	23-32	5.937	3.875 in. (based on tubing drift ID)

<b>Tensile Rating (lbs)</b>	<b>Burst Rating (psi)</b>	<b>Collapse Rating (psi)</b>	<b>Max. Casing Inner Diameter (in.)</b>	<b>Min. Casing Inner Diameter (in.)</b>
151,585	10,000	9,676	6.276 in. (nominal ID for 7-in. 26-ppf casing)	6.151 in. (drift diameter for 7-in. 26-ppf casing)

## 6. WELL CONSTRUCTION DETAILS – 9-1N

The well construction diagram for well 9-1N is shown in **Figure 5**. **Tables 5.a, 5.b, 5.c, and 5.d** show the respective well construction details.

**Table 5.a: Open Hole Diameters and Intervals – 9-1N**

Name	Depth Interval (ft)	Open Hole Diameter (in.)	Comment
Conductor	Surface – 52	Not reported	Existing casing
Surface	Surface – 815	22-in. hole	Existing casing
Intermediate	Surface – 5,855	14-3/4-in. hole	Existing casing
Long string	Surface – 7,985	10-5/8-in. hole	Existing casing
Liner	7,935 – 8,455	7-5/8-in. hole	Existing liner
Long-string	Surface – 7,390	8.032 (ID of 9-in. casing)	New inner casing
Long-string	7,390 – 7,840	8.032 (ID of 9-in. casing)	New inner casing
Liner	7,780 – 8,374	4.892 (ID of 5-1/2-in. liner)	New inner liner

**Table 5.b: Casing Specifications – 9-1N**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Outside Diameter (in.)</b>	<b>Inside Diameter (in.)</b>	<b>Weight (ppf)</b>	<b>Grade (API)</b>	<b>Design Coupling (Short or Long Threaded)</b>	<b>Thermal Conductivity @68°F (BTU/ft hr, °F)</b>	<b>Burst Strength (psi)</b>	<b>Collapse Strength (psi)</b>
Conductor	Surface – 52	20	Not reported	Not reported	Not reported	Short	26.2	Not reported	Not reported
Surface	Surface – 815	16	15.124	72.72	Not reported	Short	26.2	Not reported	Not reported
Intermediate	Surface – 5,855	11.75	10.772	61	J55	Long	26.2	4,010	2,670
Long-string	Surface – 7,985	9	8.032	45	J55	Long	26.2	5,180	4,670
Liner	7,935 – 8,455	5.5	4.892	17	K55	Long	26.2	5,320	4,910
Long-string section 1	Surface – 7,390	7	6.276	26	L80	Long	26.2	7,240	5,410
Long-string section 2	7,390 – 7,840	7	6.276	26	Mod 13Cr80	Long	15.0	7,240	5,410
Liner	7,780 – 8,374	3.5	2.992	9.2	Mod 13Cr80	Long	15.0	10,160	10,540

**Table 5.c: Tubing Specifications – 9-1N**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Outside Diameter (in.)</b>	<b>Inside Diameter (in.)</b>	<b>Weight (ppf)</b>	<b>Grade (API)</b>	<b>Design Coupling (Short or Long Threaded)</b>	<b>Burst strength (psi)</b>	<b>Collapse strength (psi)</b>	<b>Tensile strength (lbf)</b>
Injection tubing	Surface - 7,720	4.5	4.000	11.6	Mod 13Cr80	Long	7,780	6,350	267,040

**Table 5.d: Packer Specifications – 9-1N**

<b>Packer Type and Material</b>	<b>Packer Setting Depth (ft)</b>	<b>Length (in.)</b>	<b>Nominal Casing Weight (ppf)</b>	<b>Packer Main Body Outer Diameter (in.)</b>	<b>Packer Inner Diameter (in.)</b>
Permanent or retrievable with latched seal assembly – Alloy 718 or equivalent	7,720	74	23-32	5.937	3.875 in. (based on tubing drift ID)

<b>Tensile Rating (lbs)</b>	<b>Burst Rating (psi)</b>	<b>Collapse Rating (psi)</b>	<b>Max. Casing Inner Diameter (in.)</b>	<b>Min. Casing Inner Diameter (in.)</b>
151,585	10,000	9,676	6.276 in. (nominal ID for 7-in. 26-ppf casing)	6.151 in. (drift diameter for 7-in. 26-ppf casing)

## **7. WELL CONSTRUCTION DETAILS – 64-27N**

The well construction diagram for well 64-27N is shown in **Figure 6. Tables 6.a, 6.b, 6.c, and 6.d** show the respective well construction details.

**Table 6.a: Open Hole Diameters and Intervals – 64-27N**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Open Hole Diameter (in.)</b>	<b>Comment</b>
Surface	Surface – 1,045	Not reported	Existing casing
Intermediate	Surface – 4,929	Not reported.	Existing casing
Long-string	Surface – 7,450	Not reported.	Existing casing
Long string	Surface – 8,060	Not reported.	Uncemented long string to be removed.
Long-string 1	Surface – 7,050	7.285 in. (ID of 8-1/8-in. casing)	New inner casing
Long-string 2	7,050 – 7,538	7.285 in. (ID of 8-1/8-in. casing)	New inner casing
Liner	7,480 – 8,038	5.921 in. (ID of 6-5/8-in. casing)	New liner

**Table 6.b: Casing Specifications – 64-27N**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Outside Diameter (in.)</b>	<b>Inside Diameter (in.)</b>	<b>Weight (ppf)</b>	<b>Grade (API)</b>	<b>Design Coupling (Short or Long Threaded)</b>	<b>Thermal Conductivity @68°F (BTU/ft hr, °F)</b>	<b>Burst Strength (psi)</b>	<b>Collapse Strength (psi)</b>
Surface	Surface – 1,045	16	15.124	75	Not reported	Short	26.2	Not reported	Not reported
Intermediate	Surface – 4,929	10.75	9.950	45.5	D	Long	26.2	3,580	2,090
Long-string	Surface – 7,450	8.125	7.285	35.5	D	Long	26.2	4,980	4,320
Long-string 1	Surface – 7,050	6.625	5.921	24	L80	Long	26.2	7,440	5,760
Long-string 2	7,050 – 7,538	6.625	5.921	24	Mod 13Cr80	Long	15.0	7,440	5,760
Liner	7,480 – 8,038	4.5	3.958	12.6	Mod 13Cr110	Long	15.0	10,010	8,410

**Table 6.c: Tubing Specifications – 64-27N**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Outside Diameter (in.)</b>	<b>Inside Diameter (in.)</b>	<b>Weight (ppf)</b>	<b>Grade (API)</b>	<b>Design Coupling (Short or Long Threaded)</b>	<b>Burst strength (psi)</b>	<b>Collapse strength (psi)</b>	<b>Tensile strength (lbf)</b>
Injection tubing	Surface - 7,420	4.5	4.000	11.6	Mod 13Cr80	Long	7,780	6,350	267,040

**Table 6.d: Packer Specifications – 64-27N**

<b>Packer Type and Material</b>	<b>Packer Setting Depth (ft)</b>	<b>Length (in.)</b>	<b>Nominal Casing Weight (ppf)</b>	<b>Packer Main Body Outer Diameter (in.)</b>	<b>Packer Inner Diameter (in.)</b>
Permanent or retrievable with latched seal assembly – Alloy 718 or equivalent	7,420	62.876	24	5.656	3.875 in. (based on tubing drift ID)

<b>Tensile Rating (lbs)</b>	<b>Burst Rating (psi)</b>	<b>Collapse Rating (psi)</b>	<b>Max. Casing Inner Diameter (in.)</b>	<b>Min. Casing Inner Diameter (in.)</b>
187,175	7,500	7,000	5.901 in. (nominal ID for 6.625 in. 24.6-ppf casing)	5.776 in. (drift diameter for 6.625 in. 24.6-ppf casing)

## 8. WELL CONSTRUCTION DETAILS – 1-28N

The well construction diagram for well 1-28N is shown in **Figure 7. Tables 7.a, 7.b, 7.c, and 7.d** show the respective well construction details.

**Table 7.a: Open Hole Diameters and Intervals – 1-28N**

Name	Depth Interval (ft)	Open Hole Diameter (in.)	Comment
Surface	Surface – 807	22-in. hole	Existing casing
Intermediate	Surface – 5,930	14.75-in. hole	Existing casing
Long-string	Surface – 8,000	10.625-in. hole	Existing casing
Liner	7,974 – 8,450	7.875	Existing liner
Long-string section 1	Surface – 7,900	8.032 in. (ID of 9-in. casing)	New inner casing
Long-string section 2	7,900 – 8,450	4.082 in. (ID of 4.75-in. liner)	New inner casing

**Table 7.b: Casing Specifications – 1-28N**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Outside Diameter (in.)</b>	<b>Inside Diameter (in.)</b>	<b>Weight (ppf)</b>	<b>Grade (API)</b>	<b>Design Coupling (Short or Long Threaded)</b>	<b>Thermal Conductivity @68°F (BTU/ft hr, °F)</b>	<b>Burst Strength (psi)</b>	<b>Collapse Strength (psi)</b>
Surface	Surface – 807	16	15.124	72.72	C	Short	26.2	Not reported	Not reported
Intermediate	Surface – 5,930	11.75	10.772	61	D	Long	26.2	4,010	2,670
Long-string	Surface - 5,929	9	8.032	46.1	D	Long	26.2	5,180	4,670
Long-string	5,929 – 8,000	9	8.032	45	D	Long	26.2	5,180	4,670
Slotted liner	7,974 - 8,450	4.75	4.082	16	D	Long	26.2	Not reported	Not reported
Long-string section 1	Surface – 7,300	7	6.276	26	L80	Long	26.2	7,240	5,410
Long-string section 2	7,300 – 7,972	7	6.276	26	Mod 13Cr80	Long	15.0	7,240	5,410 – 10,540
Long-string section 3	7,972 – 8,450	3.5	2.992	9.2	Mod 13Cr80	Long	15.0	11,200	11,780

**Table 7.c: Tubing Specifications – 1-28N**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Outside Diameter (in.)</b>	<b>Inside Diameter (in.)</b>	<b>Weight (ppf)</b>	<b>Grade (API)</b>	<b>Design Coupling (Short or Long Threaded)</b>	<b>Burst strength (psi)</b>	<b>Collapse strength (psi)</b>	<b>Tensile strength (lbf)</b>
Tubing	7,400	2.375	1.995	4.60	Mod 13Cr80	Long	11,200	11,780	104,350
Tubing	7,850	2.375	1.995	4.60	Mod 13Cr80	Long	11,200	11,780	104,350

**Table 7.d: Packer Specifications – 1-28N**

<b>Packer Type and Material</b>	<b>Packer Setting Depth (ft)</b>	<b>Length (in.)</b>	<b>Nominal Casing Weight (ppf)</b>	<b>Packer Main Body Outer Diameter (in.)</b>	<b>Packer Inner Diameter (in.)</b>
Permanent or retrievable with latched seal assembly – Alloy 718 or equivalent	Packer 1 - 7,400	74	23-32	5.937	1.995 in. (for both, based on tubing drift ID)
	Packer 2 - 7,850	74	23-32	5.937	

<b>Tensile Rating (lbs)</b>	<b>Burst Rating (psi)</b>	<b>Collapse Rating (psi)</b>	<b>Max. Casing Inner Diameter (in.)</b>	<b>Min. Casing Inner Diameter (in.)</b>
187,175 187,175	8,750 8,750	8,500 8,500	6.276 in. (for both, nominal ID for 7-in. 26-ppf casing)	6.151 in. (for both, drift diameter for 7-in. 26-ppf casing)

## 9. WELL CONSTRUCTION DETAILS – 25-26N

The well construction diagram for well 25-26N is shown in **Figure 8. Tables 8.a, 8.b, 8.c, and 8.d** show the respective well construction details.

**Table 8.a: Open Hole Diameters and Intervals – 25-26N**

Name	Depth Interval (ft)	Open Hole Diameter (in.)	Comment
Conductor	Surface – 90	32	Existing casing
Surface	Surface – 800	22	Existing casing
Intermediate	Surface – 5,900	14.75	Existing casing
Long String	Surface – 6,244	10.625	Existing casing
Long String	Surface – 8,133	7.875	Existing casing
Long-String section 1	Surface – 7,500	5.855 in. (ID of 6-5/8-in. Casing)	New inner casing
Long-string section 2	7,500 – 7,800	5.855 in. (ID of 6-5/8-in. Casing)	New inner casing

**Table 8.b: Casing Specifications – 25-26N**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Outside Diameter (in.)</b>	<b>Inside Diameter (in.)</b>	<b>Weight (ppf)</b>	<b>Grade (API)</b>	<b>Design Coupling (Short or Long Threaded)</b>	<b>Thermal Conductivity @68°F (BTU/ft hr, °F)</b>	<b>Burst Strength (psi)</b>	<b>Collapse Strength (psi)</b>
Conductor	Surface – 90	20	Not reported	94	H-40	Short	26.2	Not reported	Not reported
Surface	Surface – 800	16	15.124	72.72	Not reported	Short	26.2	Not reported	Not reported
Intermediate	Surface – 5,900	11.75	10.772	61	C-55	Long	26.2	4,010	2,670
Long-string	Surface - 5,891	9	8.032	46.1	C-55	Long	26.2	4,460	3,450
Long-string	5,891 - 6,244	9	8.032	45	C-55	Long	26.2	4,460	3,450
Long-string	Surface – 8,133	6.625	5.855	26	J-55	Long	26.2	5,590	5,380
Long-string section 1	Surface – 7,500	4.5	4.000	11.6	L80	Long	26.2	7,780	6,350
Long-string section 2	7,500 – 7,800	4.5	4.000	11.6	Mod 13Cr95	Long	15.0	9,240	7,030

**Table 8.c: Tubing Specifications – 25-26N**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Outside Diameter (in.)</b>	<b>Inside Diameter (in.)</b>	<b>Weight (ppf)</b>	<b>Grade (API)</b>	<b>Design Coupling (Short or Long Threaded)</b>	<b>Burst strength (psi)</b>	<b>Collapse strength (psi)</b>	<b>Tensile strength (lbf)</b>
Tubing	Surface - 7,600	2.375	1.995	4.60	Mod 13Cr80	Long	11,200	11,780	104,350

**Table 8.d: Packer Specifications – 25-26N**

<b>Packer Type and Material</b>	<b>Packer Setting Depth (ft)</b>	<b>Length (in.)</b>	<b>Nominal Casing Weight (ppf)</b>	<b>Packer Main Body Outer Diameter (in.)</b>	<b>Packer Inner Diameter (in.)</b>
Permanent or retrievable with latched seal assembly – Alloy 718 or equivalent	7,600	53.168	11.6-13	3.771	1.995 in. (based on tubing drift ID)

<b>Tensile Rating (lbs)</b>	<b>Burst Rating (psi)</b>	<b>Collapse Rating (psi)</b>	<b>Max. Casing Inner Diameter (in.)</b>	<b>Min. Casing Inner Diameter (in.)</b>
56,000	6,265	5,720	3.958 in. (nominal ID for 4.5 in. 12.6-ppf casing)	3.833 in. (drift diameter for 4.5 in. 12.6-ppf casing)

## **10. WELL CONSTRUCTION DETAILS – 27-1N**

The well construction diagram for well 27-1N is shown in **Figure 9. Tables 9.a, 9.b, 9.c, and 9.d** show the respective well construction details.

**Table 9.a: Open Hole Diameters and Intervals – 27-1N**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Open Hole Diameter (in.)</b>	<b>Comment</b>
Conductor	Surface – 95	Not reported	Existing casing
Surface	Surface – 816	22-in. hole	Existing casing
Intermediate	Surface – 6,010	14.75-in. hole	Existing casing
Long-string	Surface – 8,115	10.625-in. hole	Existing casing
Liner	8,080 – 8,440	7.875	Existing liner
Long-string section 1	Surface – 8,000	8.032 (ID of 9-in. casing)	New inner casing
Long-string section 2	8,000 – 8,440	8.032 (ID of 9-in. casing)	New inner casing

**Table 9.b: Casing Specifications – 27-1N**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Outside Diameter (in.)</b>	<b>Inside Diameter (in.)</b>	<b>Weight (ppf)</b>	<b>Grade (API)</b>	<b>Design Coupling (Short or Long Threaded)</b>	<b>Thermal Conductivity @68°F (BTU/ft hr, °F)</b>	<b>Burst Strength (psi)</b>	<b>Collapse Strength (psi)</b>
Conductor	Surface – 95	20	Not reported	Not reported	Not reported	Short	26.2	Not reported	Not reported
Surface	Surface – 816	16	15.124	72.72	Not reported	Short	26.2	Not reported	Not reported
Intermediate	Surface – 6,010	11.75	10.772	61	J55	Long	26.2	4,010	2,670
Long-string	Surface - 6,002	9	8.032	46.1	J55	Long	26.2	5,180	4,670
Long-string	6,002 – 8,115	9	8.032	45	J55	Long	26.2	5,180	4,670
Liner	8,080 – 8,440	5.5	4.892	17	K55	Long	26.2	5,320	4,910
Long-string section 1	Surface - 7,580	5.5	4.950	15.5	L80	Long	26.2	7,000	4,950
Long-string section 2	7,580 – 8,000	5.5	4.892	17	Mod 13Cr80	Long	15.0	7,740	6,290
Long-string section 3	8,000 – 8,440	3.5	2.992	9.2	Mod 13Cr80	Long	15	10,160	10,540

**Table 9.c: Tubing Specifications – 27-1N**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Outside Diameter (in.)</b>	<b>Inside Diameter (in.)</b>	<b>Weight (ppf)</b>	<b>Grade (API)</b>	<b>Design Coupling (Short or Long Threaded)</b>	<b>Burst strength (psi)</b>	<b>Collapse strength (psi)</b>	<b>Tensile strength (lbf)</b>
Tubing	Surface - 7,800	2.375	1.995	4.60	Mod 13Cr80	Long	11,200	11,780	104,350

**Table 9.d: Packer Specifications – 27-1N**

<b>Packer Type and Material</b>	<b>Packer Setting Depth (ft)</b>	<b>Length (in.)</b>	<b>Nominal Casing Weight (ppf)</b>	<b>Packer Main Body Outer Diameter (in.)</b>	<b>Packer Inner Diameter (in.)</b>
Permanent or retrievable with latched seal assembly – Alloy 718 or equivalent	7,800	52.125	13-20	4.625	1.995 in. (based on tubing drift ID)

<b>Tensile Rating (lbs)</b>	<b>Burst Rating (psi)</b>	<b>Collapse Rating (psi)</b>	<b>Max. Casing Inner Diameter (in.)</b>	<b>Min. Casing Inner Diameter (in.)</b>
87,333	6,000	6,000	6.276 in. (nominal ID for 7-in. 26-ppf casing)	6.151 in. (drift diameter for 7-in. 26-ppf casing)

## 11. WELL CONSTRUCTION DETAILS – 39-26N

The well construction diagram for well 39-26N is shown in **Figure 10**. **Tables 10.a, 10.b, 10.c,** and **10.d** show the respective well construction details.

**Table 10.a: Open Hole Diameters and Intervals – 39-26N**

Name	Depth Interval (ft)	Open Hole Diameter (in.)	Comment
Conductor	Surface – 92	32-in. hole	Existing casing
Surface	Surface – 803	22-in. hole	Existing casing
Intermediate	Surface – 5,875	14.75-in. hole	Existing casing
Long String	Surface – 8,100	10.625-in. hole	Existing casing
Long-string section 1	Surface – 7,500	6.214 (ID of 7-in. casing)	New inner casing
Long-string section 2	7,500 – 8,100	6.214 (ID of 7-in. casing)	New inner casing
Long-string section 3	8,100 – 8,232	6 in. hole	New inner casing

**Table 10.b: Casing Specifications – 39-26N**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Outside Diameter (in.)</b>	<b>Inside Diameter (in.)</b>	<b>Weight (ppf)</b>	<b>Grade (API)</b>	<b>Design Coupling (Short or Long Threaded)</b>	<b>Thermal Conductivity @68°F (BTU/ft hr, °F)</b>	<b>Burst Strength (psi)</b>	<b>Collapse Strength (psi)</b>
Conductor	Surface – 92	20	Not Reported	94	H40	Short	26.2	–	–
Surface	Surface – 803	16	15.124	72.72	Not Reported	Short	26.2	Not reported	Not reported
Intermediate	Surface – 5,765	11.75	10.772	61	NC55	Long	26.2	4,010	2,670
Long String	Surface – 8,100	7	6.214	28	J-55	Long	26.2	5,400	5,050
Long-string section 1	Surface – 7,500	4.5	4.000	11.6	L80	Long	26.2	7,780	6,350
Long-string section 2	7,500 – 8,232	4.5	4.000	11.6	Mod 13Cr95	Long	15.0	9,240	7,030

**Table 10.c: Tubing Specifications – 39-26N**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Outside Diameter (in.)</b>	<b>Inside Diameter (in.)</b>	<b>Weight (ppf)</b>	<b>Grade (API)</b>	<b>Design Coupling (Short or Long Threaded)</b>	<b>Burst strength (psi)</b>	<b>Collapse strength (psi)</b>	<b>Tensile strength (lbf)</b>
Tubing	Surface - 7,850	2.375	1.995	4.60	Mod 13Cr80	Long	11,200	11,780	104,350

**Table 10.d: Packer Specifications – 39-26N**

<b>Packer Type and Material</b>	<b>Packer Setting Depth (ft)</b>	<b>Length (in.)</b>	<b>Nominal Casing Weight (ppf)</b>	<b>Packer Main Body Outer Diameter (in.)</b>	<b>Packer Inner Diameter (in.)</b>
Permanent or retrievable with latched seal assembly – Alloy 718 or equivalent	7,850	53.168	11.6-13	3.771	1.995 in. (based on tubing drift ID)

<b>Tensile Rating (lbs)</b>	<b>Burst Rating (psi)</b>	<b>Collapse Rating (psi)</b>	<b>Max. Casing Inner Diameter (in.)</b>	<b>Min. Casing Inner Diameter (in.)</b>
56,000	6,265	5,720	4.000 in. (nominal ID for 4.5-in. 11.6-ppf casing)	3.875 in. (drift diameter for 4.5-in. 11.6-ppf casing)

## **12. WELL CONSTRUCTION DETAILS – 35X-27N**

The well construction diagram for well 35X-27N is shown in **Figure 11. Tables 11.a, 11.b, 11.c, and 11.d** show the respective well construction details.

**Table 11.a: Open Hole Diameters and Intervals – 35X-27N**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Open Hole Diameter (in.)</b>	<b>Comment</b>
Conductor	Surface – 90	Not reported	Existing casing
Surface	Surface – 1,027	17.5-in. hole	Existing casing
Intermediate	Surface – 5,608	12.25-in. hole	Existing casing
Long String	Surface – 7,707	8.5-in. hole	Existing casing
Open Hole	7,707 – 7,835	6.125 in. hole	Open hole

**Table 11.b: Casing Specifications – 35X-27N**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Outside Diameter (in.)</b>	<b>Inside Diameter (in.)</b>	<b>Weight (ppf)</b>	<b>Grade (API)</b>	<b>Design Coupling (Short or Long Threaded)</b>	<b>Thermal Conductivity @68°F (BTU/ft hr, °F)</b>	<b>Burst Strength (psi)</b>	<b>Collapse Strength (psi)</b>
Conductor	Surface – 90	20	Not Reported	52	Not Reported	Short	Not Reported	Not Reported	Not Reported
Surface	Surface – 1,027	13.375	12.615	54.5	K – 55	Not Reported	26.2	2,735	1,130
Intermediate	Surface – 3,916	9.625	8.835	40	J – 55	Long	26.2	3,950	2,570
Intermediate	3,916 – 5,608	9.625	8.835	40	N – 80	Long	26.2	5,750	3,090
Long-string section 1	Surface – 2,269	7	6.276	26	N – 80	Long	26.2	7,240	5,410
Long-string section 2	2,269 – 4,286	7	6.366	23	N – 80	Long	26.2	6,340	3,830
Long-string section 3	4,286 – 7,635	7	6.366	23	K – 55	Long	26.2	4,360	3,270
Long-string section 4	7,635 – 7,707	7	6.276	26	N – 80	Long	26.2	7,240	5,410

**Table 11.c: Tubing Specifications – 35X-27N**

<b>Name</b>	<b>Depth Interval (ft)</b>	<b>Outside Diameter (in.)</b>	<b>Inside Diameter (in.)</b>	<b>Weight (ppf)</b>	<b>Grade (API)</b>	<b>Design Coupling (Short or Long Threaded)</b>	<b>Burst strength (psi)</b>	<b>Collapse strength (psi)</b>
Tubing	Surface - 6,450	2.375	1.995	4.7	L – 80	Long	11,200	11,780

**Table 11.d: Packer Specifications – 35X-27N**

<b>Packer Type and Material</b>	<b>Packer Setting Depth (ft)</b>	<b>Length (in.)</b>	<b>Nominal Casing Weight (ppf)</b>	<b>Packer Main Body Outer Diameter (in.)</b>	<b>Packer Inner Diameter (in.)</b>
Permanent or retrievable with latched seal assembly – Carbon Steel	6,450	91.06	17 – 26	6.000	1.995 in. (based on tubing drift ID)

<b>Tensile Rating (lbs)</b>	<b>Burst Rating (psi)</b>	<b>Collapse Rating (psi)</b>	<b>Max. Casing Inner Diameter (in.)</b>	<b>Min. Casing Inner Diameter (in.)</b>
92,600	7,000	7,000	6.366 in. (nominal ID for 7.0-in. 23-ppf casing)	6.241 in. (drift diameter for 7.0-in. 23-ppf casing)

## Figures

## **Figure Index**

**Figure 1.** New-Drill Well for CO<sub>2</sub> Injection

**Figure 2.** 27R-27N Repurposed for CO<sub>2</sub> Injection

**Figure 3.** 55-26N Repurposed for CO<sub>2</sub> Injection

**Figure 4.** 64-35N Repurposed for CO<sub>2</sub> Injection

**Figure 5.** 9-1N Repurposed for CO<sub>2</sub> Injection

**Figure 6.** 64-27N Repurposed for CO<sub>2</sub> Injection

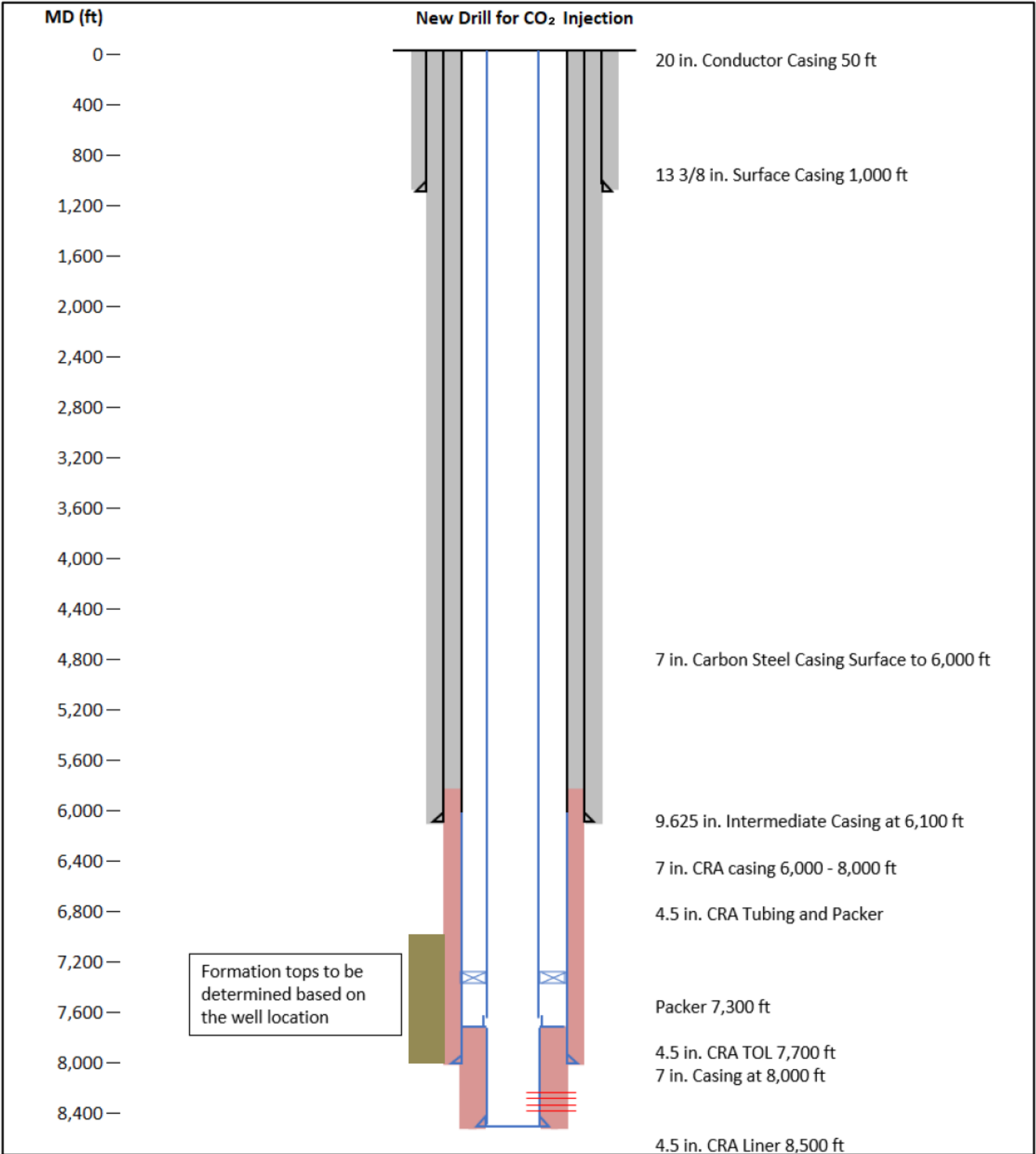
**Figure 7.** 1-28N Repurposed for Monitoring

**Figure 8.** 25-26N Repurposed for Monitoring

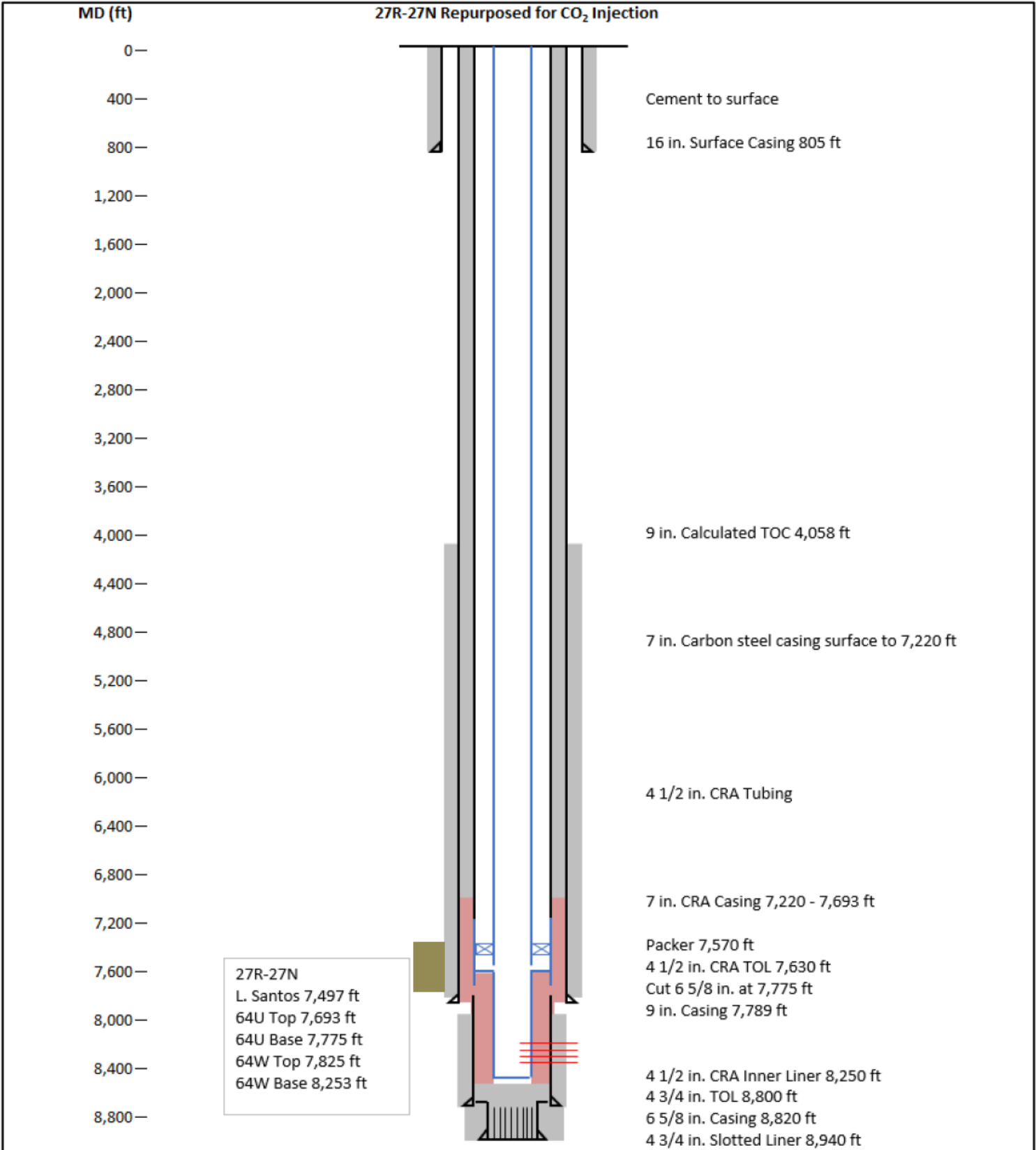
**Figure 9.** 27-1N Repurposed for Monitoring





**Figure 10.** 39-26N Repurposed for Monitoring

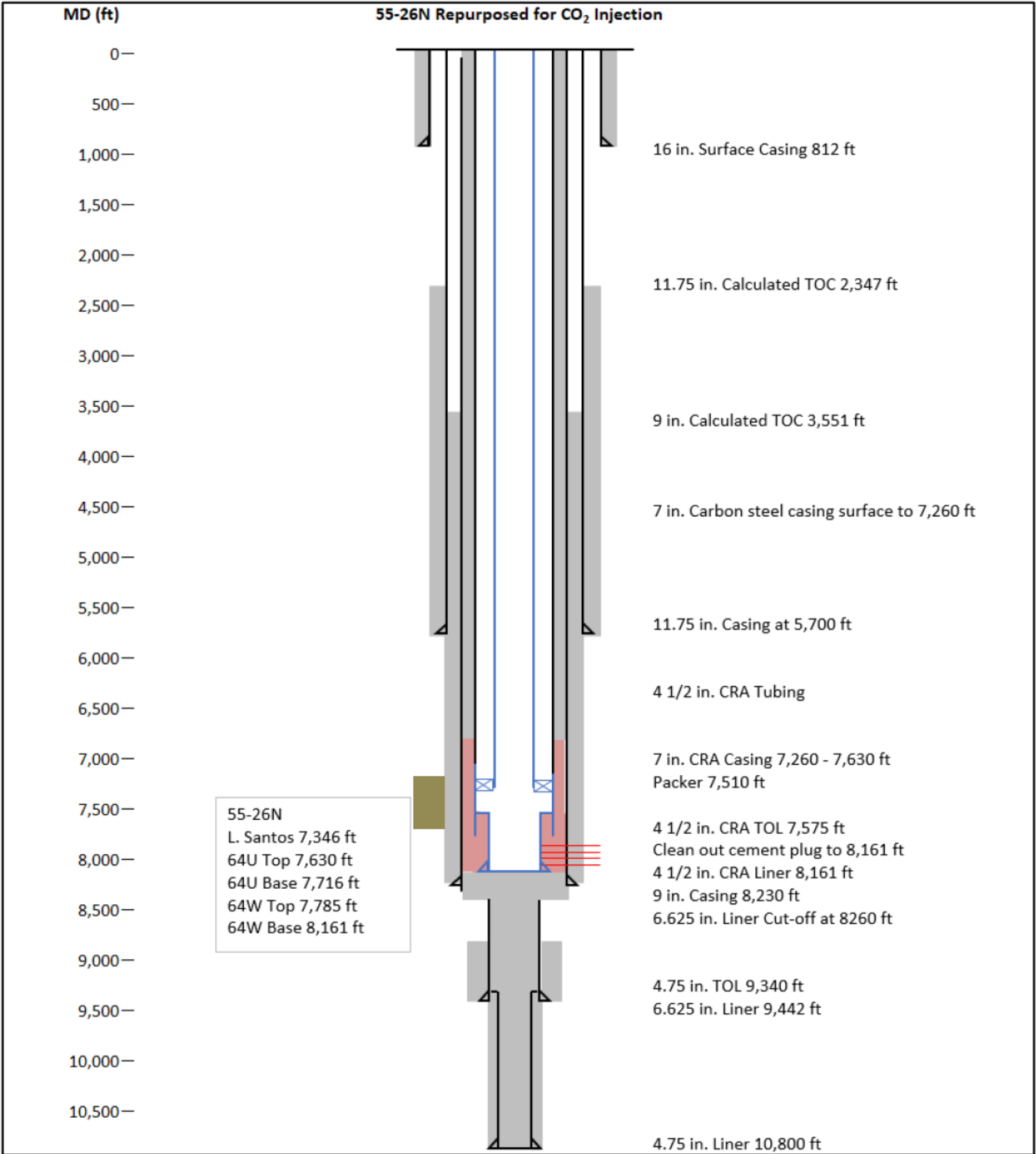
**Figure 11.** 35X-27N Repurposed for Monitoring



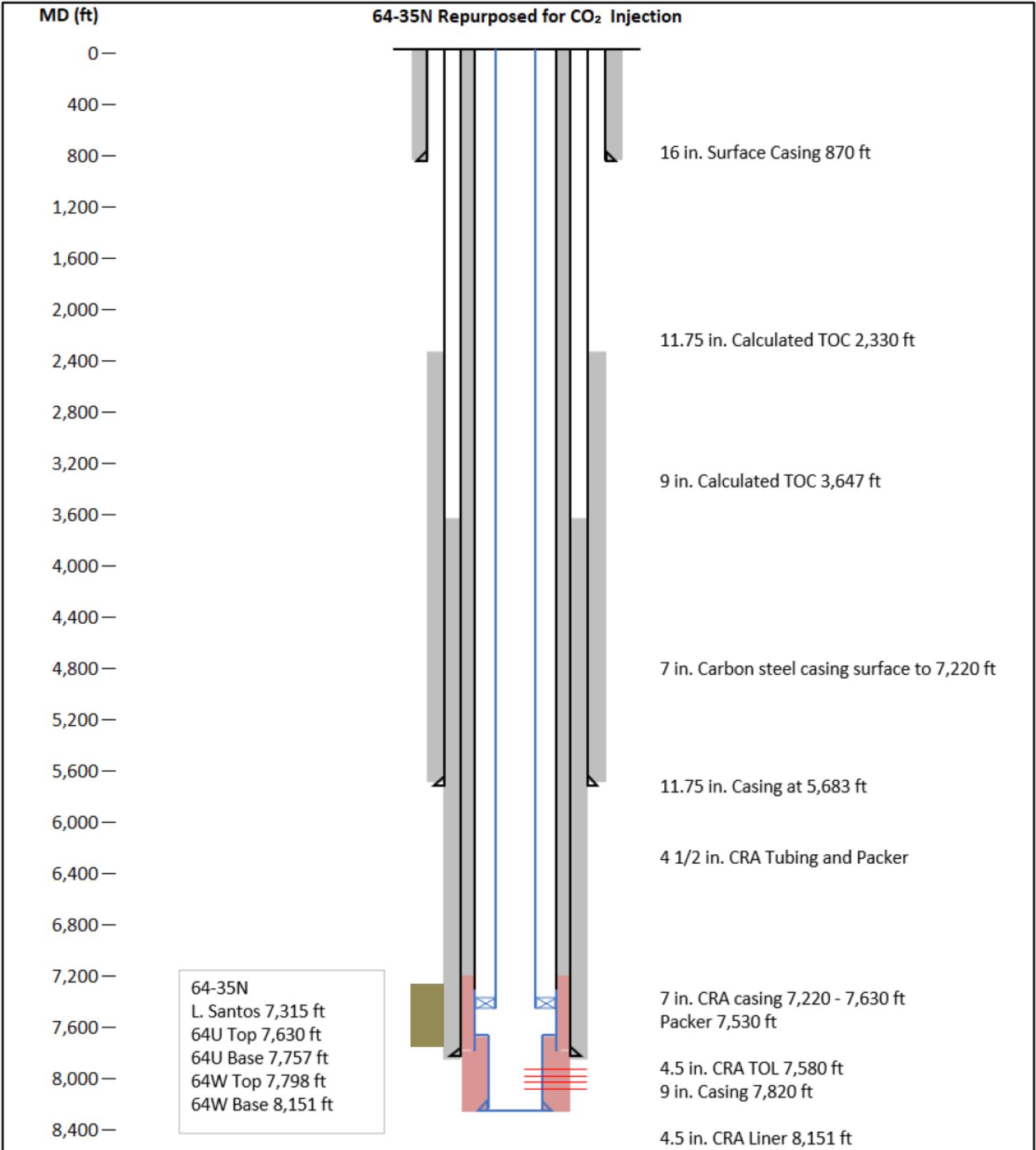
<p><b>Legend</b></p> <p>Caprock</p> <p>CO<sub>2</sub> Resistant Cement</p> <p>Corrosion-Resistant Alloys (CRA)</p> <p><b>Note:</b> Well will have Distributed Temperature Sensor equipment installed.</p>	<p><b>Explanation</b></p> <p>in. - inch</p> <p>ft - feet</p> <p>MD - Measured Depth</p> <p>TOC - Top of Casing</p> <p>TOL - Top of Liner</p> <p>CO<sub>2</sub> - Carbon Dioxide</p>	<p><b>New Injection Well for CO<sub>2</sub> Injection</b></p> <p>North Belridge Oil Field Western Kern County California</p> <p><b>Figure</b></p> <p><b>1</b></p> <p>CarbonFrontier</p> <p>April 2024</p>
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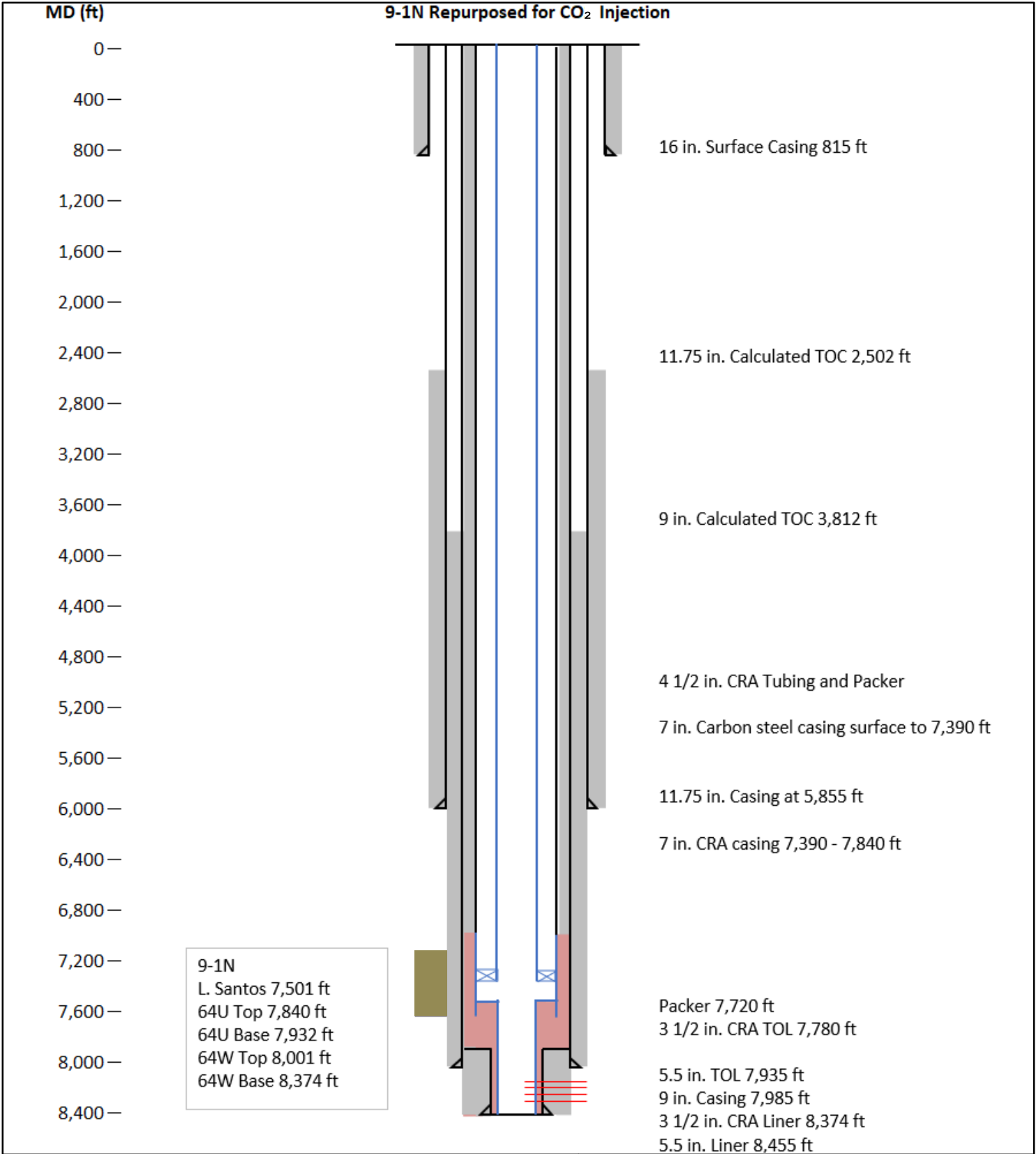
Legend		Explanation		27R-27N Repurposed for CO <sub>2</sub> Injection	
	Caprock	in. - inch		North Belridge Oil Field Western Kern County California	
	CO <sub>2</sub> Resistant Cement	ft - feet			
	Corrosion-Resistant Alloys (CRA)	MD - Measured Depth			
<b>Note:</b> Well will have Distributed Temperature Sensor equipment installed.		TOC - Top of Casing			
		TOL - Top of Liner		CarbonFrontier	
		CO <sub>2</sub> - Carbon Dioxide			
				April 2024	<b>Figure</b>  <b>2</b>







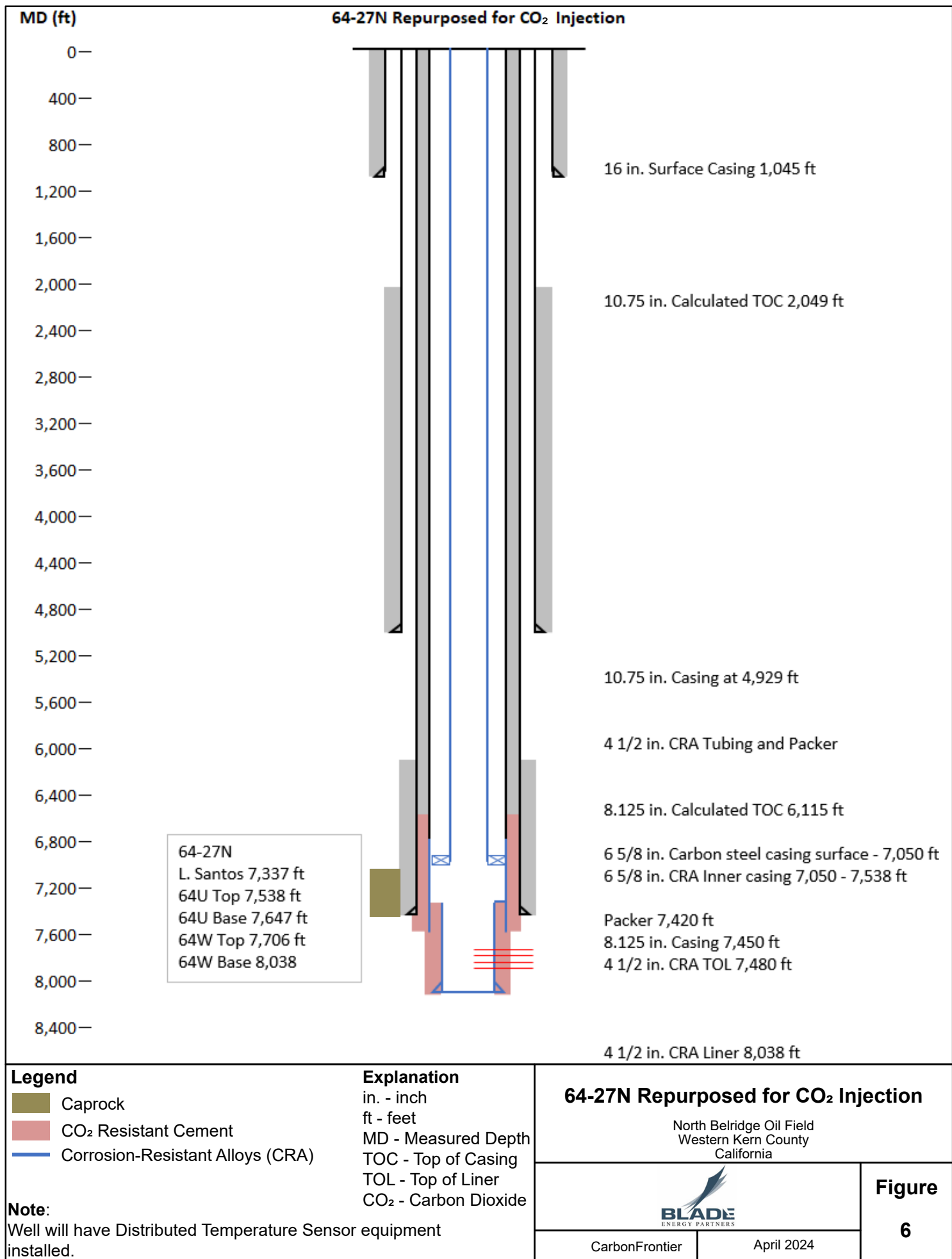
Legend		Explanation		55-26N Repurposed for CO <sub>2</sub> Injection	
	Caprock	in. - inch	ft - feet	North Belridge Oil Field Western Kern County California	
	CO <sub>2</sub> Resistant Cement	MD - Measured Depth	TOC - Top of Casing		
	Corrosion-Resistant Alloys (CRA)	TOL - Top of Liner	CO <sub>2</sub> - Carbon Dioxide	 CarbonFrontier	
<b>Note:</b> Well will have Distributed Temperature Sensor equipment installed.				April 2024	<b>Figure</b>  <b>3</b>

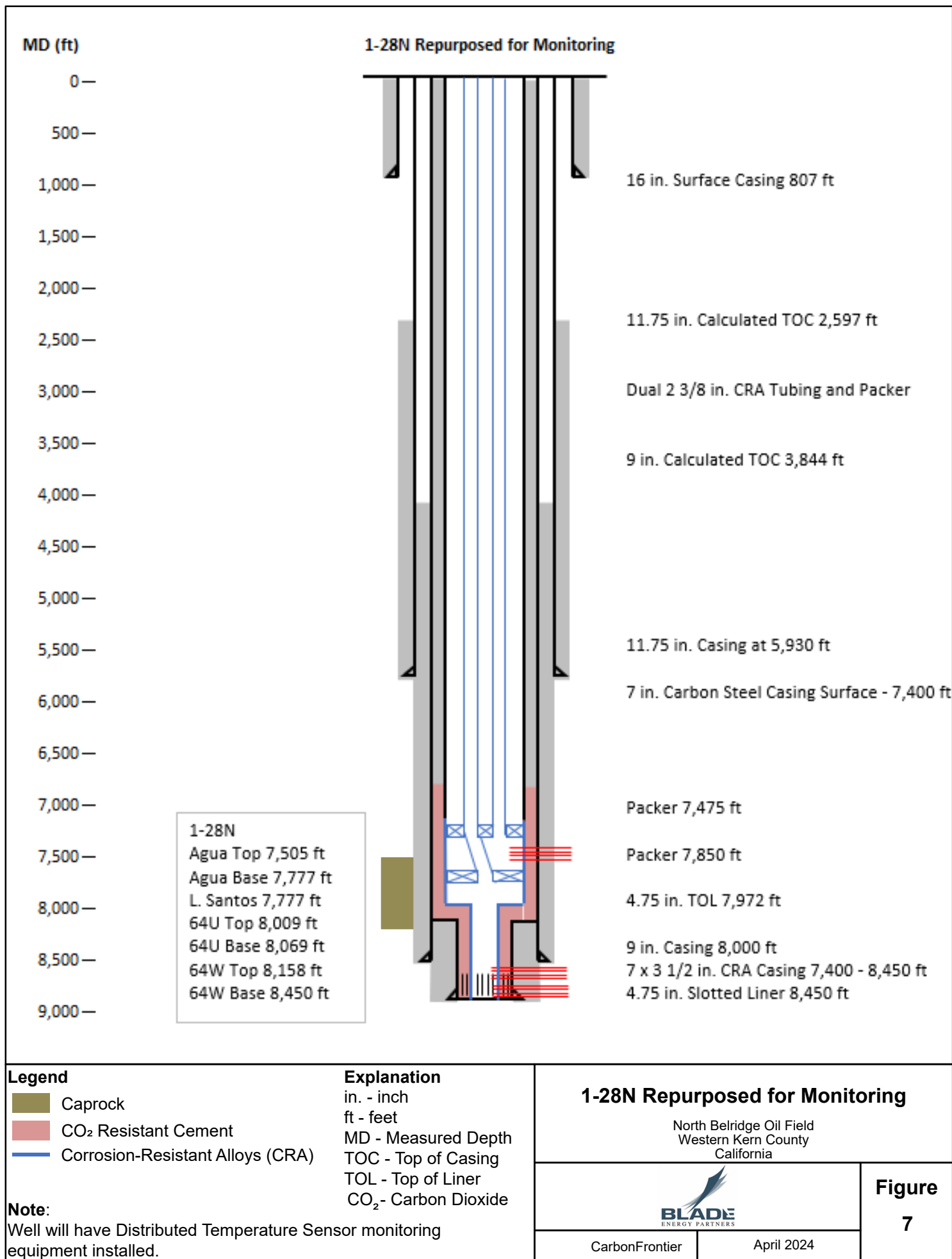


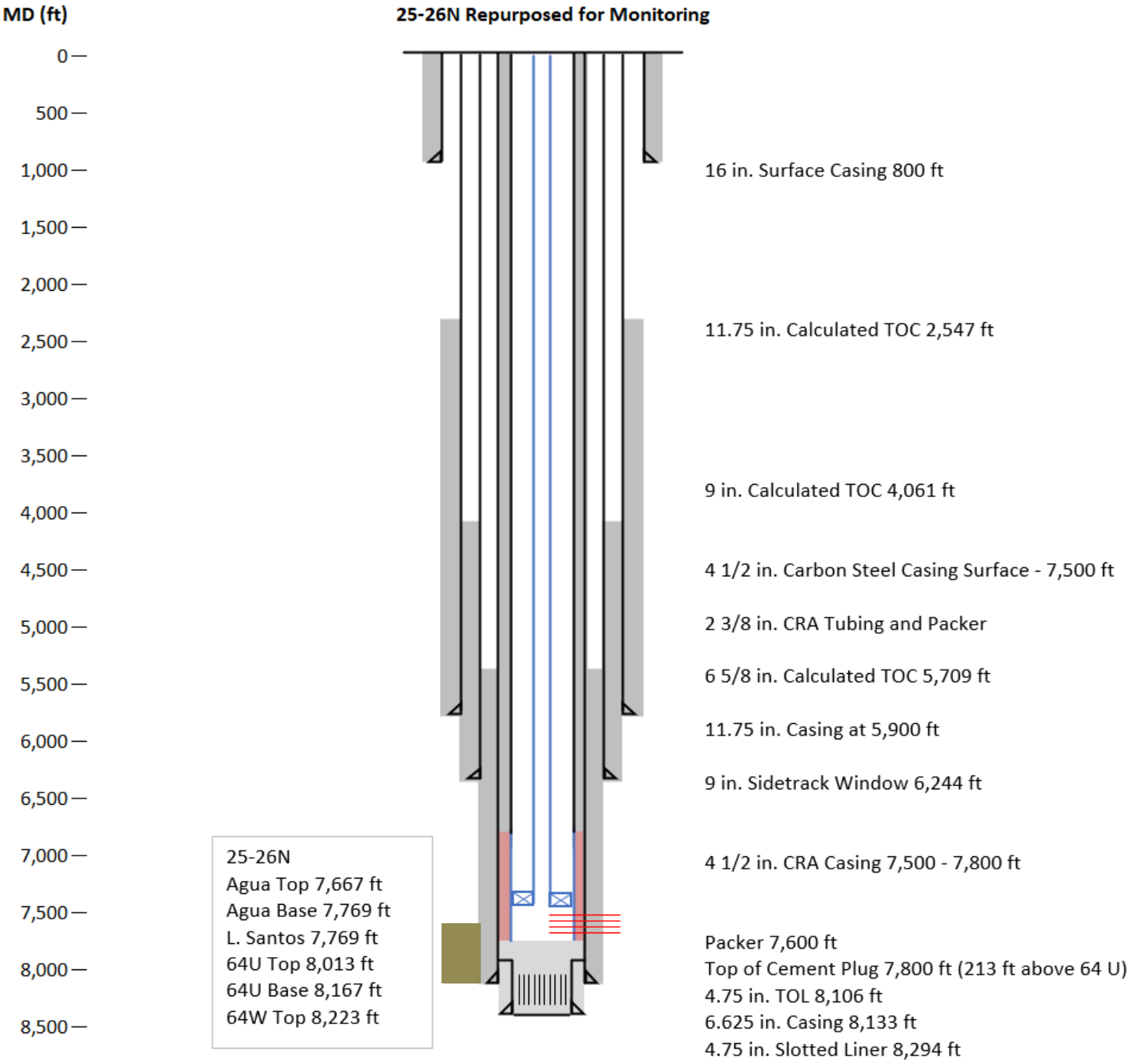
<p><b>Legend</b></p> <p>Caprock</p> <p>CO<sub>2</sub> Resistant Cement</p> <p>Corrosion-Resistant Alloys (CRA)</p> <p><b>Note:</b> Well will have Distributed Temperature Sensor equipment installed.</p>	<p><b>Explanation</b></p> <p>in. - inch ft - feet MD - Measured Depth TOC - Top of Casing TOL - Top of Liner CO<sub>2</sub> - Carbon Dioxide</p>	<p><b>64-35N Repurposed for CO<sub>2</sub> Injection</b></p> <p>North Belridge Oil Field Western Kern County California</p> <p><b>Figure</b></p> <p><b>4</b></p> <p>CarbonFrontier</p> <p>April 2024</p>
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Legend		Explanation		9-1N Repurposed for CO <sub>2</sub> Injection	
	Caprock	in. - inch		North Belridge Oil Field Western Kern County California	
	CO <sub>2</sub> Resistant Cement	ft - feet			
	Corrosion-Resistant Alloys (CRA)	MD - Measured Depth			
<b>Note:</b> Well will have Distributed Temperature Sensor equipment installed.		TOC - Top of Casing			
		TOL - Top of Liner		CarbonFrontier <div>April 2024</div>	
		CO <sub>2</sub> - Carbon Dioxide			
				<b>Figure</b>  <b>5</b>	



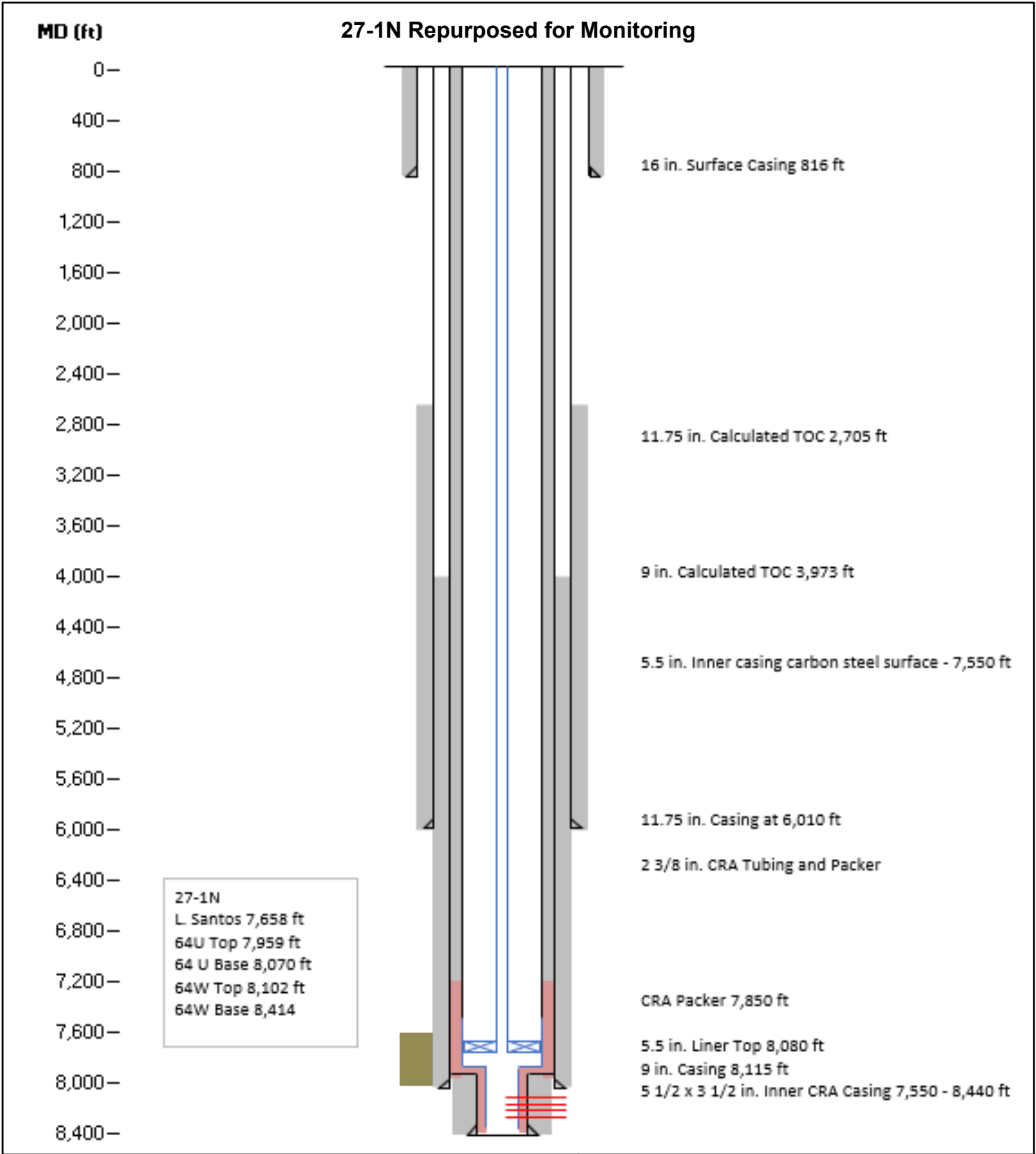




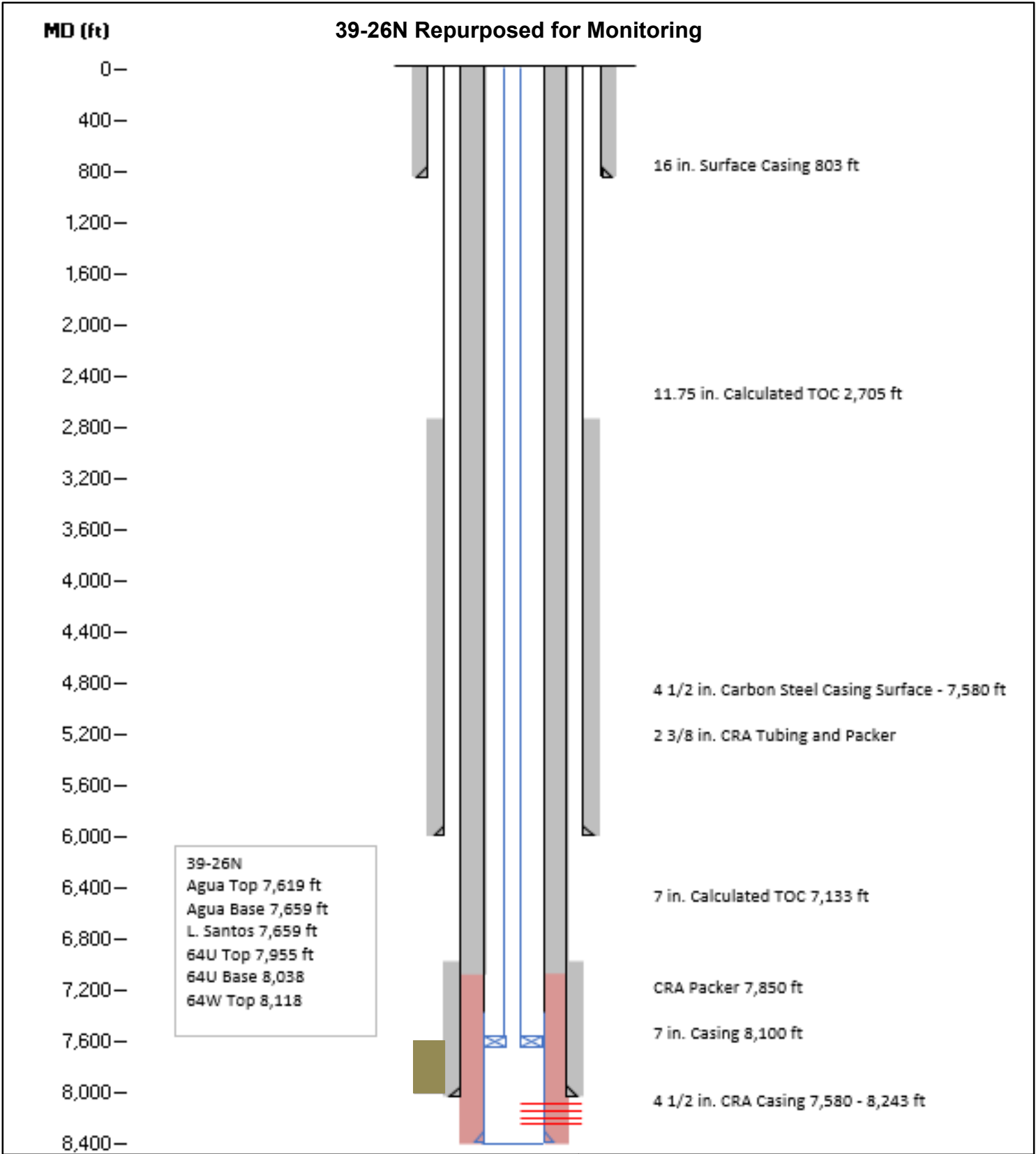
Legend	Explanation
Caprock	in. - inch
CO <sub>2</sub> Resistant Cement	ft - feet
Corrosion-Resistant Alloys (CRA)	MD - Measured Depth
	TOC - Top of Casing
	TOL - Top of Liner
	CO <sub>2</sub> - Carbon Dioxide

**Note:**  
Well will have Distributed Temperature Sensor monitoring equipment installed.

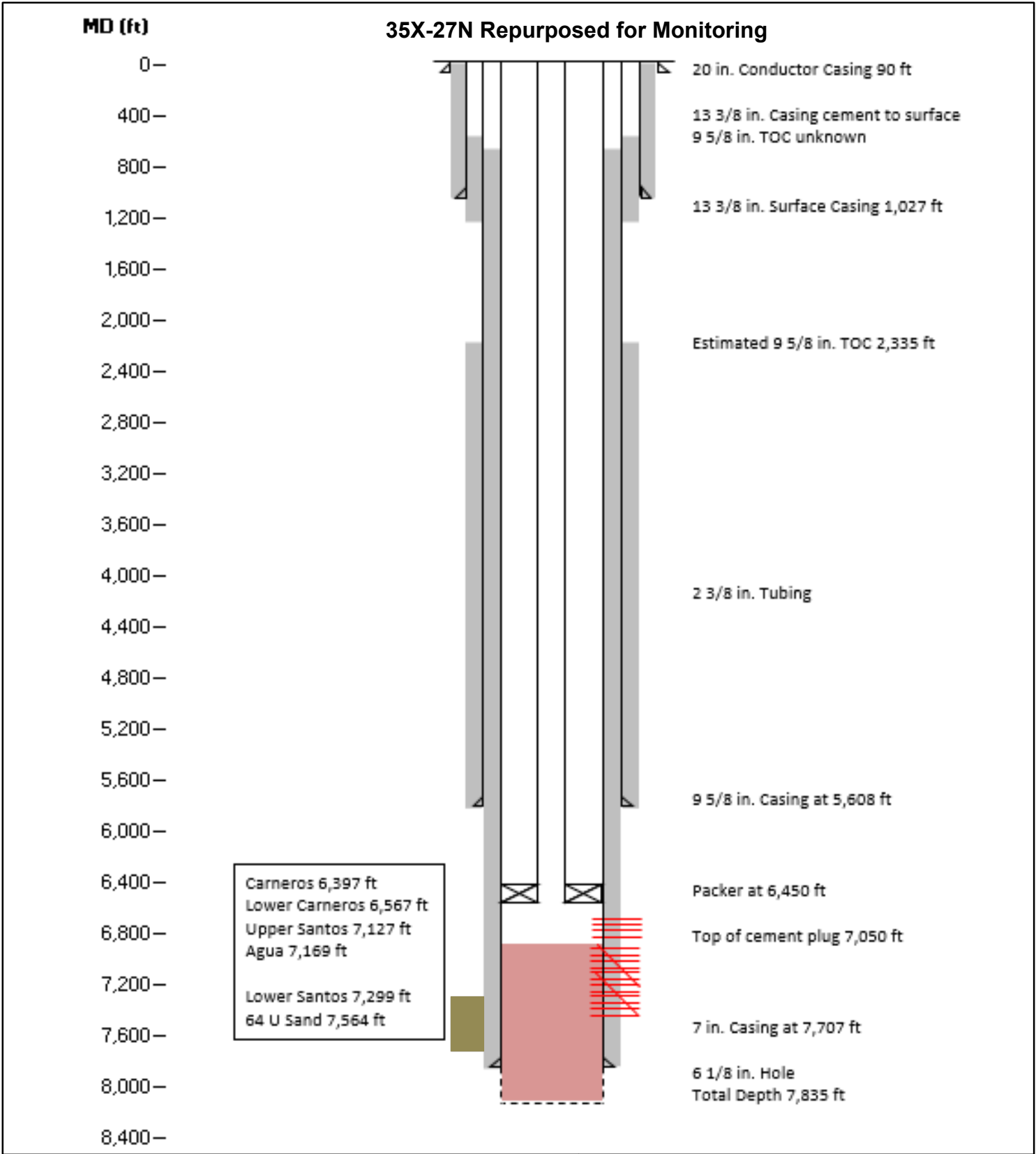
25-26N Repurposed for Monitoring	
North Belridge Oil Field Western Kern County California	
	<b>Figure 8</b>
CarbonFrontier	April 2024



<p><b>27-1N Repurposed for Monitoring</b></p> <p>North Belridge Oil Field Western Kern County California</p>		<p><b>Figure</b> <b>9</b></p>
<p>CarbonFrontier</p>	<p>April 2024</p>	



<div><div>Legend</div><div><div><div></div><div>Caprock</div></div><div><div></div><div>CO<sub>2</sub> Resistant Cement</div></div><div><div></div><div>Corrosion-Resistant Alloys (CRA)</div></div></div><div><div>Note:</div><div>Well will have Distributed Temperature Sensor and pressure monitoring equipment installed.</div></div></div>	<div><div>Explanation</div><div><div>in. - inch</div><div>ft - feet</div><div>MD - Measured Depth</div><div>TOC - Top of Casing</div><div>TOL - Top of Liner</div><div>CO<sub>2</sub> - Carbon Dioxide</div></div></div>	<div><div>39-26N Repurposed for Monitoring</div><div>North Belridge Oil Field Western Kern County California</div><div><div><div><div></div><div>BLADE</div><div>ENERGY PARTNERS</div></div><div>CarbonFrontier</div></div><div><div>April 2024</div></div></div><div><div>Figure</div><div>10</div></div></div>	
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<p><b>Legend</b></p> <div> <div></div> Caprock         </div> <div> <div></div> CO<sub>2</sub> Resistant Cement         </div> <p><b>Note:</b> Well will have Pressure monitoring equipment installed.</p>	<p><b>Explanation</b></p> <p>in. - inch ft - feet MD - Measured Depth TOC - Top of Casing TOL - Top of Liner CO<sub>2</sub> - Carbon Dioxide</p>	<p><b>35X-27N Repurposed for Monitoring</b></p> <p>North Belridge Oil Field Western Kern County California</p> <div> <div> </div> <div> <div>CarbonFrontier</div> <div>April 2024</div> </div> </div> <div> <p><b>Figure</b></p> <p><b>11</b></p> </div>	
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