



REGION 9

SAN FRANCISCO, CA 94105

MINOR MODIFICATION TO PERMIT NO. R9UIC-CA1-FY18-2 ISSUED TO BAKERSFIELD RENEWABLE FUELS LLC

In accordance with 40 CFR §144.41(f), Underground Injection Control (UIC) permit no. R9UIC-CA1-FY18-2 is hereby modified to reflect a change in the setting depth of the packer in injection well Red Ribbon WD-2 (WD-2).

The packer was originally set from 5,021 to 5,026 feet. The well schematic for WD-2 in Appendix B of the Permit is revised to display the updated location of the packer at 4,995-4,999 feet. This minor modification is effective immediately; all other permit conditions remain unchanged.

Sincerely,

/s/

2025-03-04

Tomás Torres
Director, Water Division

EXHIBIT 1

WELL “RED RIBBON” WD-2 CURRENT (2025) MECHANICAL CONDITION

ELEVATION:

KB 409'

DATUM:

KB 14' above ground surface

TD:

OH 5295', Deepened OH 6900', RD 5829

PBD:

4500'

Base USDW:

3483'

SPUD DATE:

OH 11/02/1991, Deepen 10/12/2002, RD 05/20/2011

COMPLETION DATE:

WELL STATUS:

Active Water Disposal/Injection

DIRECTIONALLY DRILLED:

OH 8' N, 465' E of surface

Deepen: 11' N, 586' E of surface

RD: 43' N, 366' E of surface

JUNK:

None

PLUGS:

4500' – 5087'

Bridge: 5820'

CASING:

20" cond @ 40'

13-3/8" buttress @ 753' w/705 CF cmt, cmt to surface

8-5/8" csg @ 5299' w/2751 CF cmt, cmt to surface

6-5/8" liner f/4638' – 6900' w/455 CF cmt,

RD

5.5" liner f/4061' – 5829' w/237 sx cmt f/4400' – 5800'

PERFORATIONS:

OH

Four 1/2" HPF (sqzd): 4712' – 4750', 4756' – 4816',
4826' – 4876', 4886' – 4920', 4930' – 4942', 4996' –
5024', 5028' – 5053'

Four 1/2" HPF: 5852' – 6686'

RD

Four 1/2" HPF: 5116' – 5172', 5178' – 5198', 5242' –
5262', 5340' – 5370', 5374' – 5406' – 5454' – 5494',
5630' – 5670'

HOLE SIZE:

0' – 40': 20"

40' – 753': 17.5"

753' – 5299': 11"

5299' – 6900': 8.5"

RD 4500' – 5829': 7-5/8"

MARKERS:

Fairhaven: 3483'

Martin: 3780'

Upper Kernco: 3951'

Middle Kernco: 4094'

Lower Kernco: 4355'

Santa Margarita: 4738'

