

United States Environmental Protection Agency



WELL REWORK RECORD, PLUGGING AND ABANDONMENT PLAN, OR PLUGGING AND ABANDONMENT AFFIDAVIT

Permittee Name and Address, Phone Number and/or Email

Natural Soda LLC
3200 Rio Blanco County Rd 31
Rifle, CO 81650
1 (970) 878-3674
Roy McClung: rmclung@naturalsoda.com

Permit or EPA ID Number

CO-30358-11732

API Number

na

Full Well Name

14H-1V

State

Colorado

County

Rio Blanco

Locate well in two directions from nearest lines of quarter section and drilling unit

Latitude 39.931706

Surface Location

NW 1/4 of SE 1/4 of Section 26 Township 1S Range 98W

Longitude -108.357063

1622.8 ft. from (N/S) S Line of quarter section

1631.1 ft. from (E/W) E Line of quarter section.

Well Class

Timing of Action (pick one)

Type of Action (pick one)

☐ Class I☐ Class II☒ Class III☐ Class V☐ Notice Prior to Work

Date Expected to Commence

☒ Report After Work

Date Work Ended

9/19/2025

☐ Well Rework☒ Plugging and Abandonment☐ Conversion to a Non-Injection Well

Provide a narrative description of the work planned to be performed, or that was performed. Alternatively, attach a report that meets the requirements. Use additional pages as necessary. Please see the instructions for the specific information that must be provided.

All depths are referenced to GL. The 14H-1V well reached the end of its useful life and has been abandoned. A cast iron bridge plug was set at 1,945 feet in Sept. 2022 when the well was converted to a SSMW. The 9.625" casing and 7.0" liner was flushed with fresh water and cleaned with a 7.0" casing scraper to 1,945 feet. The 9.625" casing was perforated at depths of 1,549, 1,480, 1,020, 850, 690, 520, 300, and 145 feet. Each perforation interval consists of four 0.38" holes at 90 degree phasing and 20.5" of penetration. All cement plugs were set using balance method and consisted of 14.4 lb/gal Portland Type I/II cement. Plug 1 cement consisted of 7.5 cu yds (36 bbls, 157.5 sks) with High Early accelerant and was pumped in one lift at a depth of 1,943 feet. Plug 1 was allowed 4 hours to set, after which the top of cement was tagged at 1,480 feet. Plug 2 consisted of 7.5 cu yds (157.5 sks) with High Early accelerant and was pumped at a depth of 1,469 feet. Plug 2 was allowed 15.75 hours of set time, before the top of cement was tagged at 1,041 feet. Plug 3 was pumped from a depth of 1,032 feet and consisted of 7.5 cu yds (36 bbls, 157.5 sks) with High Early accelerant. Plug 3 was allowed 5.5 hours of set time, before the top of cement was tagged at 627 feet. Plug 4 was pumped from a depth of 608 feet and consisted of 6.75 cu yds (32.5 bbls, 141.75 sks) with High Early accelerant. Plug 4 was allowed 17 hours of set time, before the top of cement was tagged at 205 feet. Plug 5 was pumped from a depth of 195 feet and consisted of 3.75 cu yds (18.2 bbls, 78.75 sks). Cement from Plug 5 reached the surface. A plugged and abandoned hole marker was installed per the Natural Soda UIC permit prior to final burial. The calculated volume of the 1,839 feet of 9.625" casing and 106 feet of 7.0" liner is 30.4 cu yds (146.3 bbls, 821.68 cu ft). A total of 33 cu yds (158.7 bbls, 891 cu ft, 693 sks) of cement, 8.5% excess, was used to plug and abandon the 14H-1V. For additional information please see attached As-Built Plug and Abandonment diagram.

This work was performed under the Colorado Division of Reclamation and Mine Safety permit number M-1983-194.

Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR § 144.32)

Authorized Signatory and Official Title (Please type or print)

Gerald J. Daub

Signature

G. J. Daub

Date Signed

9/30/25