

DAUB & ASSOCIATES, INC.



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October 28, 2022

Mr. Bill Mills
Bureau of Land Management
220 East Market Street
Meeker, CO 81641

Re: Natural Soda LLC (NS) Well Sundry Notices of Intent for the Plugging and Abandonment of the 3M-TDR Subsurface Subsidence Monitoring Well

Dear Mr. Mills:

Natural Soda LLC (NS) intends to plug and abandon the 3M-TDR subsurface subsidence monitor well in November of 2022. The well will be cemented to surface, cut off below grade, a steel well cap with the well name will be welded onto the conductor casing, and the well will then be buried. The 3M-TDR location was interim reclaimed and requires minimal surface work for full reclamation.

Attached please find the following for the well:

- BLM 3160-5 form
- Well completion diagram

Should you have any questions or comments, please contact me at (970) 254-1224 or (970) 216-1010 (c) or Kirk Daehling at (970) 456-1268.

Regards,

A handwritten signature in blue ink that reads "G. J. Daub". The signature is fluid and cursive.

Gerald J. Daub, P.G., C.P.G.
President
Daub & Associates, Inc.

Cc: Kirk Daehling
Business Manager
Natural Soda LLC

Amy Yeldell (w/encl)
Colorado Division of Reclamation, Mining and Safety

Don Breffle (email -- w/o encl)
US EPA UIC Region VIII

File

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS
**Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No. **COC-0118327**

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
Natural Soda LLC

3a. Address **3200 Rio Blanco County Rd 31
Rifle, CO. 81650**

3b. Phone No. (include area code)
(970) 878-3674

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
562 FSL, 1757 FWL, S26, T1S, R98W, 6th PM

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No. **3M-TDR**

9. API Well No.

10. Field and Pool or Exploratory Area
Piceance Creek Basin

11. Country or Parish, State
Rio Blanco County, CO

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

All depths referenced to GL. The 3M-TDR will be plugged and abandoned with the following procedure: Clean out the 4.5-inch casing to 1820 feet. Possibly run a CBL/CCL to TD. Perforate the 4.5-inch casing at 1720, 765, 535, 250, and 100 feet. Cement to surface in stages with ~28.3 bbls of cement (calculated well volume, 42.5 bbls at 50% excess).

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Gerald J. Daub

President, Daub & Associates, Inc.

Title

Signature

G. J. Daub

Date

10/28/2022

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Natural Soda LLC
Drilling and Well Completion Diagram



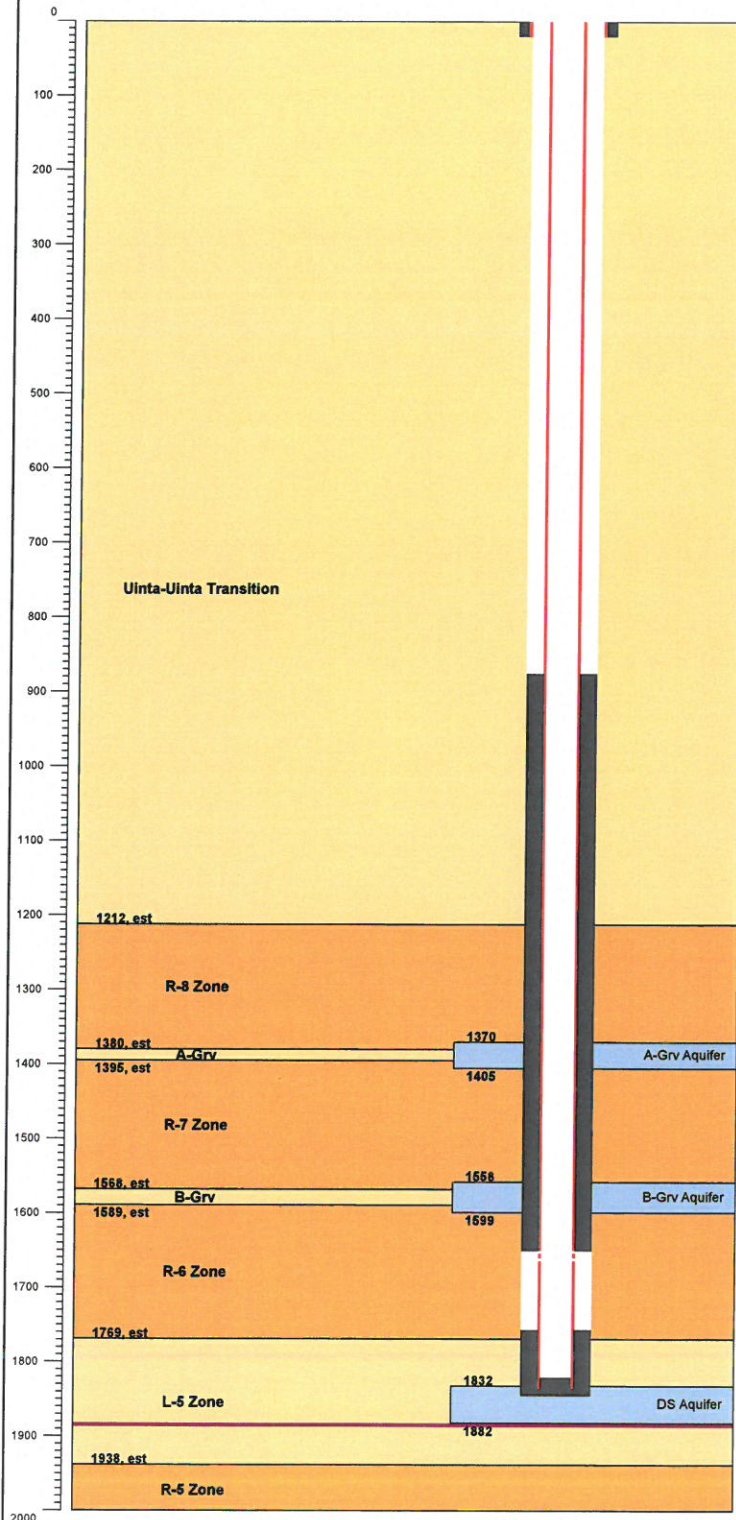
Daub & Associates, Inc.



Well: 3M-TDR
Section: 26
Township: 1S
Range: 98W
Latitude (83): 39.928768240
Longitude (83): 108.363196600
Total Depth, ft: 1845.0

Well Type: Subsidence Monitoring Well
Hole Type: Rotary Hole
Ground Elevation, ft: 6677.8
WL Measurement Elevation, ft: N/A
Diagram Date: 10/25/2022
 All strat and hydrostrat are estimated

- Cement
- Hole Plug and/or Cement
- Bentonite Plug / Seal
- Sand Plug / Sand Pack
- Bridge Plug
- Pump
- Transducer



DRILLING AND COMPLETION SUMMARY:
 0-20.0: conductor drill hole, 12.250" dia.
 0-20.0: conductor casing, 10.0" OD
 60.0-1845.0: intermediate hole, 8.75" dia.
 0-1835.0: intermediate casing, 4.5" OD 10.5#
 1382.0: DV tool
 1820.0: top of cement inside 4.5" casing
 875.0-1650.0: intermediate casing cement (5/6/04 & 9/15/04 CBLs)
 1756.0-1845.0: intermediate casing cement (9/15/04 CBL)
 0-1763.0: TDR cable on outside of casing
 0-1783.0: TDR cable on outside of casing
 0-1803.0: TDR cable on outside of casing
 0-1823.0: TDR cable on outside of casing
 1649.0: casing perforated, 1 spf
 1650.0: casing perforated, 1 spf
 1651.0: casing perforated, 1 spf

DS: 1882, est