

DAUB & ASSOCIATES, INC.



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June 30, 2016

Mr. Kent Walter
Bureau of Land Management
220 Market Street
Meeker, CO 81641

Re: Natural Soda LLC Sundry Notice for 15H-I and 15H-R Minor Well Design Modifications

Dear Mr. Walter:

Natural Soda LLC (NS) wishes to submit the attached Sundry Notice (Form 3160-5). The Sundry Notice indicates the 15H-I and 15H-R proposed start dates and potential minor modifications to the intermediate hole diameter and intermediate casing weight. Modifications were made to the 15H-I drill out hole diameter and bottom hole total depth. The 15H-R minor modifications include potential changes to the surface hole diameter and adjustments to the directional drilling kick-off point and surface hole and casing TDs.

The downhole equipment and cementing strategy will not change. Cement volumes and the sizes of the downhole equipment will be modified to accommodate the minor modifications described above.

Should you have any questions or comments, please contact me at (970) 254-1224 or (970) 216-1010 (c), or Kirk Daehling at (888) 464-7632 ext. 114.

Sincerely,

Gerald J. Daub PG, CPG
President
Daub & Associates, Inc.

Enc: Sundry Notice (Form 3160-5)

Cc: Kirk Daehling
Plant Manager
Natural Soda LLC

Travis Marshall (email copy)
Division of Reclamation, Mining, and Safety

File

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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.
C-0118327

6. If Indian, Allottee or Tribe Name
na

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 Road 31
Rifle, CO 81650

3b. Phone No. (include area code)

(970) 878-3674

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

8. Well Name and No.
15H-I & 15H-R

9. API Well No.
na

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sections 27 & 34; T1S, R9W, 6th PM

10. Field and Pool or Exploratory Area
Boies Bed Nahcolite

11. Country or Parish, State
Rio Blanco, 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"/> Fracture Treat	<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 checked="" type="checkbox"/> Change Plans	<input 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.)

Proposed start dates: 15H-I: mid to late July 2016, 15H-R: mid to late August 2016.

Natural Soda LLC plans to make minor modifications to the 15H-I and 15H-R well design as indicated:

15H-I and 15H-R minor modifications: intermediate hole diameter from 9.5 to 9.75" (if an appropriate 9.75" bit can be procured) and 7" intermediate casing weight from 26 to 23 lb.

15H-I minor modifications: open hole dia. from 5.875 to 6.125", bottom hole TD from ~4,675 to ~5,277' MD GL, bottom hole TVD from ~1,899' TVD GL to ~1,911' TVD GL. New bottom hole location: 39.927232057 lat., 108.358396313, long (NAD 83), no change to bottom hole stratigraphy.

15H-R minor modifications: surface hole diameter from 12.25 to 12.50" (if an appropriate 12.50" bit can be procured), directional drilling kick off point (KOP) from 1,230 to 1,205' MD GL, surface hole TD from 1,211 to 1,235' MD GL (from 1,211' to 1,234' TVD GL), surface casing TD from 1,211 to 1,232' MD GL (from 1,211 to 1,233' TVD GL), top of intermediate casing from 1,111 to 1,132' MD GL (from 1,111' to 1,132' TVD GL).

The downhole well completion equipment and cementing strategy will not change. Cement volumes and the sizes of the downhole equipment such as centralizers, DV tools, casing hangers, float shoes, etc. will be slightly modified to accommodate the minor modifications described above.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)
Gerald J. Daub

Title President, Daub & Associates, Inc.

Signature



Date 06/30/2016

THIS 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)