



Celina Akin
Environmental Specialist

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RECEIVED

Tuesday, October 16, 2012

OCT 15 2012

ENV039.12

GRAND JUNCTION FIELD OFFICE
DIVISION OF
RECLAMATION MINING & SAFETY

Mr. Paul Daggett
U. S. Dept. of the Interior, Bureau of Land Management
White River Resource Area
220 East Market Street
Meeker, CO 81641

Dear Paul:

Enclosed is a final sundry notice and well report for the plugging and abandonment of well 28-21 long string. Contractor RACS cement plugged the long string of well 28-21 through coil tubing on August 29, 2012. Following the cement plugging, after the cement set, the well head was cut off below ground surface and an identification cap was welded in place on the well.

Should you have any questions or comments regarding this information please contact me at (970) 285-0406.

Sincerely,

A handwritten signature in cursive script that reads 'Celina Akin'.

Celina Akin
Environmental Specialist

Enclosures: EPA Plugging Record Well 28-21
BLM Sundry Notice and Well Abandonment Report for Well 28-21

Cc: Sarah Roberts, EPA
Travis Marshall, DRMS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
Yankee Gulch CO-118328

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
N/A

8. Well Name and No.
American Soda L.L.P. 28-21
EPA Class III CO3858-04567

9. API Well No.

10. Field and Pool, or Exploratory Area
Central Piceance Creek Basin

11. County or Parish, State
Rio Blanco, Colorado

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other Nacholite Solution Mining

2. Name of Operator
American Soda, L. L. P.

3. Address and Telephone No.
2717 County Road 215, Parachute, Colorado 81635

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
15,212.14 Easting NW ¼ of NW ¼ of Section 28, T1S, R97W 6th P.M.
12,376.71 Northing

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

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Reports	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input checked="" type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other	<input type="checkbox"/> Dispose Water

(Note: Report results in multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- On 7/21/2004 Well 28-21 dissolution surface at 1460'. Cast Iron Bridge Plug set at 1615' on 7" short string and 7" long string.
- On 9/11/2008 Well 28-21 7" short string failed MIT.
- On 12/18/2008 - Halliburton tripped coil tubing to the cast iron bridge plug at 1615' and pumped 290 sacks of Type G cement, 15.8 #/gallon, 1.15 ft³/sack cement, slurry volume 333.5 ft³ in short string 7" casing.
- A cap is in place on the short string casing indicating the date of plugging and abandonment and the well identification.
- The wellhead is not cut down at this time since the long string 7" casing remains after passing MIT on 9/11/2008.
- On 5/31/2012 Well 28-21 7" long string failed MIT.
- On 8/29/2012 - RACS tripped coil tubing to the cast iron bridge plug at 1615' and pumped 290 sacks of Type G cement, 15.8 #/gallon, slurry volume 33.5 ft³ in long string 7" casing. Cut off well head and welded labeled cap on casing.

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

Signed Mark Smith Title Technical Services Manager Date October 16, 2012

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes 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.

*See Instruction on Reverse Side



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

PLUGGING RECORD

NAME AND ADDRESS OF FACILITY
American Soda L.L.P.
27991 County Road 5
Rifle, Co, 81650

NAME AND ADDRESS OF OWNER/OPERATOR
American Soda L.L.P.
2717 County Road 215
Parachute, Co, 81635

LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT — 640 ACRES

STATE	COUNTY
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COUNTY
Rio Blanco

PERMIT NUMBER
CO3858-04567

SURFACE LOCATION DESCRIPTION

¼ of ¼ of ¼ of ¼ of Section 28 Township 1S Range 97W
542.79' S. and 102.49' E. of NW corner of Section 28, Township 1S, Range 97W 6th P.M.

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT
Surface Location 542.79' (S) from section corner and 102.49' (E) from section corner

Elevation Casing Head = 6289' Elevation Ground Level = 6287'
15212.14 Easting 12376.71 Northing

TYPE OF AUTHORIZATION

X Individual Permit
o Area Permit
o Rule

Number of Wells 1

Describe in detail the manner in which the fluid was placed and the method used in introducing it into the hole

☒ CLASS III (Nahcolite Production Well)
Side by Side Dual 7" Casing Completion

Well Number 28-21

CASING AND TUBING RECORD AFTER PLUGGING

SIZE	WT(LB/FT)	TO BE PUT IN WELL(FT)	TO BE LEFT IN WELL(FT)	HOLE SIZE
24"	95# - ERW	0	75'	24"
7"	26# - J-55 & N-80	0	1675' (short string)	19"
7"	26# -J-55 & N-80	0	1992' (long string)	19"

METHOD OF EMPLACEMENT OF CEMENT PLUGS

o CLASS I	o The Balance Method
o CLASS II	o The Dump Bailer Method
o Brine Disposal	o The Two-Plug Method
o Enhanced Recovery	
o Hydrocarbon Storage	o Other: Coil Tubing Unit

CLASS III

CEMENTING TO PLUG AND ABANDONED DATA	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will Be Placed (inches)	7" (Short)	7" (Long)					
Depth to Bottom of Tubing or Drill Pipe (ft.)	1675'	1675'					
Depth to Cast Iron Bridge Plug (ft.)	1615'	1615'					
Sacks of Cement Used (each plug)	290	290					
Slurry Volume Pumped (cu. ft.)	333.5	333.5					
Calculated Top of Plug (ft.)	Surface	Surface					
Measured Top of Plug (if tagged ft.)	Surface	Surface					
Slurry Wt. (Lb./Gal.)	15.8	15.8					
Type cement or other material (Class III)	Type G	Type G					

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS

From	To	From	To

Signature of Lender or Authorized Representative

Signature of EPA Representative

August 29, 2012- Dissolution surface at 1460'. Well 28-21 plugged and abandoned to Cast Iron Bridge Plug set at 1615'. Coil tubing placement of cement at bridge plug (1615'). Pumped 290 sacks of Type G, 15.8 pounds/gallon, 1.15 ft³/sack cement in the long string 7" casing. Short string 7" casing plugged and abandoned in Sept. 2008.

CERTIFICATION

I certify under the penalty of the law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations (REF. 40 CFR 122.22)

NAME AND OFFICIAL TITLE (Please type or print)
David Valvoda, Plant Manager

SIGNATURE

DATE SIGNED
October 15, 2012