

2717 County Road 215 Parachute, CO 81635 International Telephone +1 (970) 285-6500 General Facsimile (970) 285-6393

## RECEIVED

Thursday, October 29, 2015

NOV 0 2 2015

GRAND JUNCTION FIELD OFFICE DIVISION OF RECLAMATION MINING & SAFETY

Mr. Nathan Wiser 8ENF-UFO U. S. Environmental Protection Agency Region VIII 1595 Wynkoop Street Denver, CO 80202-1129 ENV027.15

Dear Mr. Wiser:

All of the American Soda Nahcolite Solution mining wells have been plugged and abandoned. The following table gives you the date that each was plugged. More details on the well strings that were plugged are included in the attached final EPA plugging report forms and the final BLM Sundry notices.

Well ID	String to be Plugged	Date Plugged	Depth to CIBP	Dissolution Surface
20-19	Short String (only)	10/8/2015	1515′	1465'
20-36	Long String	10/13/2015	1785′	1721'
	Short String	10/15/2015	1785′	1721′
20-74	Long String	9/29/2015	1685′	1623′
	Short String	9/24/2015	1685′	1623'
29-27	Long String	9/16/2015	1610′	1560'
	Short String	9/21/2015	1610'	1560'
29-29	Long String	10/19/2015	1685′	1634'
	Short String	10/21/2015	1685′	1634'

All nine well strings were plugged using the tremie method of concrete placement through shallow coil.

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

ENV027.15

Mr. Nathan Wiser October 29, 2015 Page 2

Sincerely,

Celina Akin

Celina Akin Environmental Specialist

Enclosures: Final EPA Plugging and Abandonment forms Well 20-19, 20-36, 20-74, 29-27, and 29-29 Final BLM Sundry Notice Plugging and Abandonment Well 20-19, 20-36, 20-74, 29-27, and 29-29

Cc: Don Breffle, EPA Paul Daggett, BLM Travis Marshall, DRMS

Form 3160-5 (June 1990)		TED STATES ENT OF THE INTERIOR		FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993					
	BUREAU O	F LAND MANAGEMENT		5. Lease Designation and Serial No.					
	SUNDRY NOTI	CES AND REPORTS ON WELLS		Yankee Gulch CO-118328					
Do not use this		drill or to deepen or reentry to a di FOR PERMIT-" for such proposals		6. If Indian, Allottee or Tribe Name N/A					
	SUBM	7. If Unit or CA, Agreement Designation N/A							
1. Type of Well □ Oil Well □	Gas Well 🗵 Other	8. Well Name and No. American Soda L.L.P. 20-36 EPA Class III CO3858-04576							
2. Name of Operato American Soda, I		9. API Well No. <mark>29-29 (Nahcolite)</mark>							
3. Address and Tele	phone No.			10. Field and Pool, or Exploratory Area					
2717 County Roa	d 215, Parachute, Co	lorado 81635		Central Piceance Creek Basin					
4. Location of Well (	Footage, Sec., T., R., M	., or Survey Description)		11. County or Parish, State					
13,087.01 Eastin 12,774.16 Northi		of Section 29, T1S, R97W 6th P.M.		Rio Blanco, Colorado					
·	0	NDICATE NATURE OF NOTICE,	REPORT OR OTHER I	DATA					
TYPE OF SU	JBMISSION		TYPE OF ACTIO	DN					
X Notice c	f Intent	□ Abandonment		lange of Plans					
		Recompletion	🗆 Ne	ew Construction					
🗆 Subsequ	ent Reports	🗆 No	on-Routine Fracturing						
35		🗆 Casing Repair	D W	ater Shut-Off					
🗆 Final Ab	andonment Notice	Altering Casing	🗆 Co	Conversion to Injection					
		□ Other	🗆 Di	Dispose Water					
	24			eport results in multiple completion on Well					
			Complet	Completion or Recompletion Report and Log form.					

- Well 29-29 dissolution surface at 1634'.
- On 8/20/2004 Rig up Key Energy on well. Nipple down wellhead.
- On 8/23/2004 Pull 2399' (all) of 4 1/2" long string. Set cast iron bridge plug at 1685' on long 7" casing. Pull 2004' (all) of 4 ½" short string. Set cast iron bridge plug in 7" short string at 1685'. Rig down Key Energy.
- Both strings of well 29-29 passed MIT on 9/10/2008, 8/17/2010, 5/30/2012, and 6/4/2014.
- On 10/21/2015 RACS tripped coil tubing to the cast iron bridge plug at 1685' and pumped 325 sacks of Type G cement, 15.8 #/gallon, 1.15 ft3/sack cement, slurry volume 384 ft3 in short string 7" casing.
- On 10/19/2015 RACS tripped coil tubing to the cast iron bridge plug at 1685' and pumped 325 sacks of Type G cement, 15.8 #/gallon, 1.15 ft3/sack cement, slurry volume 384 ft3 in long string 7" casing.
- Wellhead is cut down and a cap is placed on the cemented casing strings indicating the date of plugging and abandonment and the well identification.

14. I hereby certify th Signed Avrd	at the foregoing is tri	ue and correct.	Plant Manager	Date	October 29, 2015
(This space for Federal Approved by Conditions of approval		Title		Date	

															Form Appro	oved UM	1B N	o 2040-l	0042 A	pproval E	xpires 6-30-9
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										PL	JUGO				DONM						
Ame 279	eric 91	an Soc	ADDRES la L.L.P. / Road 5 50	S OF FA	.CILIT	Y						NAME AN American S 2717 Coun Parachute,	Soda ty Ro	L.L.P. ad 215	OF OWNER/	'OPERA'	TOR				
LOC	CA'I	TE WE	LL AND (	OUTLIN	IE UN	IT ON	1		STAT	TE C	COUNTY					PER	MIT	NUMB	ER		
			PLAT						со.	CO. Rio Blanco CO3858-04576											
				N					⅓ of	URFACE LOCATION DESCRIPTION of NW ¼ of NE ¼ of ¼ of Section 29 Township 1S Range 97W L52' S. and 2,024' W. of NE corner of Section 29, Township 15, Range 97W 6 <sup>th</sup> P.M.											
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									Num	ber of V	Wells	_1				Hydroc SS III (N				n Well)	
[															Side by S	ide Dua	al 7″	' Casii	ng Co	mpletion	
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Dav	id	Valv	oda Pl								X	wid	h	lvog	e		Oc	tober	r 29,	2015	
EPA F	ori	n 7520	-14									U									

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	TED STATES ENT OF THE INTERIOR	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993								
BUREAU O	F LAND MANAGEMENT	5. Lease Designation and Serial No.								
SUNDRY NOTIO	CES AND REPORTS ON WELLS	Yankee Gulch CO-118328								
	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									
SUBM	7. If Unit or CA, Agreement Designation N/A									
1. Type of Well         □ Oil Well       □ Gas Well	Nacholite Solution Mining	8. Well Name and No. American Soda L.L.P. 20-36 EPA Class III CO3858-04574								
2. Name of Operator American Soda, L. L. P.	9. API Well No. <mark>29-27 (Nahcolite)</mark>									
3. Address and Telephone No.		10. Field and Pool, or Exploratory Area								
2717 County Road 215, Parachute, Co	lorado 81635	Central Piceance Creek Basin								
4. Location of Well (Footage, Sec., T., R., M		11. County or Parish, State								
14,342.70 Easting NE ¼ of NE ¼ 11,812.18 Northing	of Section 29, T1S, R97W 6 <sup>th</sup> P.M.	Rio Blanco, Colorado								
12. CHECK APPROPRIATE BOX(s) TO I	NDICATE NATURE OF NOTICE, REPORT OR OTH	ER DATA								
TYPE OF SUBMISSION	TYPE OF AC	CTION								
⊠Notice of Intent	□ Abandonment □	] Change of Plans								
	□ Recompletion E	] New Construction								
Subsequent Reports	I Non-Routine Fracturing									
	□ Casing Repair □	] Water Shut-Off								
Final Abandonment Notice	□ Altering Casing □	Conversion to Injection								
		Dispose Water								
		lote: Report results in multiple completion on Well								
	Ci Ci	mpletion or Recompletion Report and Log form.								

- Well 29-27 dissolution surface at 1560'.
- On 7/27/2004 Rig up Key Energy on well. Pull 2288' (all) of 4 1/2" long string. Set cast iron bridge plug at 1610' on long 7" casing.
- On 7/28/2004 Pull 1887' (all) of 4 ¼" short string. Set cast iron bridge plug in 7" short string at 1610'. Rig down Key Energy.
- Both strings of well 29-27 passed MIT on 9/11/2008, 8/17/2010, 5/31/2012, and 6/5/2014.
- On 9/21/2015 RACS tripped coil tubing to the cast iron bridge plug at 1610' and pumped 311 sacks of Type G cement, 15.8 #/gallon, 1.15 ft3/sack cement, slurry volume 367 ft3 in short string 7" casing.
- On 9/16/2015 RACS tripped coil tubing to the cast iron bridge plug at 1610' and pumped 311 sacks of Type G cement, 15.8 #/gallon, 1.15 ft3/sack cement, slurry volume 367 ft3 in long string 7" casing.
- Wellhead is cut down and a cap is placed on the cemented casing strings indicating the date of plugging and abandonment and the well identification.

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Rif	e, C	Co, 81650						1	1	ichute,	Co, 8	1635				
LO		TE WELL AND ( CTION PLAT —			1		STATE		ry Blancc	)					"NUMBER 8-04574	
	. <u> </u>						SURF	SURFACE LOCATION DESCRIPTION								
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Size	of I	Hole or Pipe in v	vhich Plug	Will Be F	laced (	inche	s) 7	" (Short)	7" (L	ong)						
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		ed Top of Plug (i	f tagged ft	.)				urface 5.8	Surfa 15.8	ce						
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ft <sup>3</sup> /s	ack	cement in the s /gallon, 1.15 ft3	hort string	g 7" casir	ng. 9/1	6/202	15 – Coi	il tubing pla ing.	icemen	it of cei	ment					
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EPA	For	m 7520-14						.00		1						

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																			DRILLING UNIT
										Surfa	ice Local	tion 86	58' (N) from s	section	corner	and 2296' (E	) from sectio	n comer	
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			CA			TUE	3ING I	RECO	RDA		PLUGGI				METH			OF CEMENT	PLUGS
SIZE		WT(LB	/FT)	1	IO BE I	PUT IP	V WEL	L(FT)	TO	BE LEF	T IN WEL	L(FT)	HOLE SIZ	E		The Baland	e Method		
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7″		5# - J-!	55 &	:   (	)			0 - 1913' (short 19"								The Two-I	lug Method		
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					h Plu			aced (	(inche	-	7" (Shor	rt)	7" (Long)						
					or Dri Plug (f		e (ft.)				1913' 1685'		2228' 1685'	+					
					h plug						325		325	-					
		ıme Pı									384		384						
Calcu	Lated	Top of	t Plu Pluo	g (ft.) (if to	gged i	ft.)					Surface Surface		Surface Surface						
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										15 — Со g 7″ са		R hiac	ement of ce	menta	atoridg	Re bing (108	э). Pumpec	1 325 sacks of	rype G, 15.8
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Form 3160-5 (June 1990)		TED STATES ENT OF THE INTERIOR		FORM APPROVED Budget Bureau No. 1004-0135					
0446 2000)				Expires: March 31, 1993					
	BUREAU O	F LAND MANAGEMENT		5. Lease Designation and Serial No.					
		CES AND REPORTS ON WELLS		Yankee Gulch CO-118328					
Do not use this	form for proposals to	drill or to deepen or reentry to a di	ifferent reservoir.	6. If Indian, Allottee or Tribe Name					
	Use "APPLICATION	5	N/A						
	SUBM	7. If Unit or CA, Agreement Designation N/A							
1. Type of Well □ Oil Well □	Gas Well 🗵 Other		8. Well Name and No. American Soda L.L.P. 20-36 EPA Class III CO3858-04563						
2. Name of Operator				9. API Well No.					
American Ŝoda, L				20-74 (Nahcolite)					
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-		lorada 91625		Central Piceance Creek Basin					
	215, Parachute, Co								
		., or Survey Description)		11. County or Parish, State					
12,294.33 Eastin 13,508.80 Northir	÷	of Section 20, T1S, R97W 6th P.M		Rio Blanco, Colorado					
	Mannan	NDICATE NATURE OF NOTICE,	REPORT OR OTHER I	DATA					
TYPE OF SU	BMISSION		TYPE OF ACTION	DN					
⊠Notice o	f Intent	□ Abandonment		nange of Plans					
		□ Recompletion		ew Construction					
🗆 Subsequ	ent Reports	⊠Plugging Back		on-Routine Fracturing					
- oubbequ		Casing Repair		ater Shut-Off					
Einal AL	andonment Notice								
Li Final Ad	and on ment inotice	□ Altering Casing		Conversion to Injection					
		□ Other		spose Water					
				teport results in multiple completion on Well					
			Complet	Completion or Recompletion Report and Log form.					

- Well 20-74 dissolution surface at 1623'.
- On 8/18/2004 Rig up Key Energy on well. Pull 2430' (all) of 4 1/2" long string. Set cast iron bridge plug at 1685' on long 7" casing.
- On 8/19/2004 Pull 2250' (all) of 4 ¼" short string. Set cast iron bridge plug in 7" short string at 1685'. Rig down Key Energy.
- Both strings of well 20-74 passed MIT on 9/10/2008, 8/16/2010, 5/30/2012, and 6/5/2014.
- On 9/24/2015 RACS tripped coil tubing to the cast iron bridge plug at 1685' and pumped 325 sacks of Type G cement, 15.8 #/gallon, 1.15 ft3/sack cement, slurry volume 384 ft3 in short string 7" casing.
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- Wellhead is cut down and a cap is placed on the cemented casing strings indicating the date of plugging and abandonment and the well identification.

14. I hereby certify that Signed	t the foregoing is tru Valved g	e and correct. Title	Plant Manager	Date	October 29, 2015
(This space for Federal or	r State office use)	<u>,, .</u>	· · · · · · · · · · · · · · · · · · ·	····	
Approved by		_Title		Date	
Conditions of approval, i	if any:				

Form 3160-5 (June 1990)	DEPARTM	TED STATES ENT OF THE INTERIOR		FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993			
	BUREAU O	F LAND MANAGEMENT		5. Lease Designation and Serial No. Yankee Guich CO-118328			
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1. Type of Well □ 0 0il Well □ 0	Gas Well 🗵 Other	Nacholite Solution Mining		8. Well Name and No. American Soda L.L.P. 20-36 EPA Class III CO3858-04562			
2. Name of Operator American Soda, L				9. API Well №. 20-36 (Nahcolite)			
3. Address and Telep	hone No.			10. Field and Pool, or Exploratory Area			
2717 County Road	215, Parachute, Co	lorado 81635		Central Piceance Creek Basin			
4. Location of Well (F	ootage, Sec., T., R., M	., or Survey Description)		11. County or Parish, State			
11,197.43 Easting		of Section 20, T1S, R97W 6th P.	М.	Rio Blanco, Colorado			
13,704.50 Northin	<u> </u>						
		NDICATE NATURE OF NOTICI		· · · · · · · · · · · · · · · · · · ·			
TYPE OF SU			TYPE OF ACTIO	<u>DN</u>			
⊠Notice of	Intent	Abandonment		lange of Plans			
		Recompletion	🗆 Ne	ew Construction			
🗆 Subseque	ent Reports		on-Routine Fracturing				
		🗆 Casing Repair	$\Box$ W	ater Shut-Off			
🗆 Final Aba	andonment Notice	Altering Casing	🗆 Ca	nversion to Injection			
		□ Other	🗆 Di	Dispose Water			
		(Note: R	Note: Report results in multiple completion on Well				
1		Complet	Completion or Recompletion Report and Log form.				

• Well 20-36 dissolution surface at 1721'.

On 8/31/2004 Rig up Key Energy on well. Pull 2537' (all) of 4 1/2" long string. Set cast iron bridge plug at 1785' on long 7" casing.

• On 9/1/2004 Cut 4 ½" short string at 1800'. Pull 1800' of 4 ½" short string. Set cast iron bridge plug in 7" short string at 1785'. Rig down Key Energy and move to next location.

• Both strings of well 20-36 passed MIT on 9/10/2008, 8/16/2010, 5/30/2012, and 6/4/2014.

On 10/15/2015 RACS tripped coil tubing to the cast iron bridge plug at 1785' and pumped 343 sacks of Type G cement, 15.8 #/gallon, 1.15 ft3/sack cement, slurry volume 405 ft3 in short string 7" casing.

On 10/13/2015 RACS tripped coil tubing to the cast iron bridge plug at 1785' and pumped 343 sacks of Type G cement, 15.8 #/gallon, 1.15 ft3/sack cement, slurry volume 405 ft3 in long string 7" casing.

 Wellhead is cut down and a cap is placed on the cemented casing strings indicating the date of plugging and abandonment and the well identification.

14. I hereby certify that the foregoing is tru Signed Aural Palvode		Plant Manager	Date	October 29, 2015	
(This space for Federal or State office use) Approved by Conditions of approval, if any:	_Title		_Date		

										Form Appre	oved UMB N	Jo 2040-0042 A	Approval Expires 6-30-9	
3	EPA						WASHI	NGT	DN, DC 2				· · · · · · · · · · · · · · · · · · ·	
NAME AND ADDRESS OF FACILITY American Soda L.L.P. 27991 County Road 5 Rifle, Co, 81650					PLUGGING AND ABANDONMENT NAME AND ADDRESS OF OWNER/OPERATOR American Soda L.L.P. 2717 County Road 215 Parachute, Co, 81635									
LOCATE WELL AND OUTLINE UNIT ON					STATE							PERMIT NUMBER		
						TION DESCR	IPTIC	NI		100000				
N				_	14 of NW	¼ of NW         ¼ of NE         ¼ of         ¼ of Section 29         Township 1S         Range 97W           1067' N. and 1232' E. of SW corner of Section 20, Township 1S, Range 97W 6 <sup>th</sup> P.M.								
						LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT Surface Location 464' (N) from section corner and 553' (W) from section corner								
				11,197.43	Elevation Casing Head = 6484' Elevation Ground Level = 6482' 11,197.43 Easting 13,704.50 Northing									
w				Е		PE OF A ividual P	UTHORIZ.	ATIC	N	CLAS		ELL ACTIVI	TY	
				Area Permit D CL										
				Number of Wells 1					<ul> <li>Brite Disposal</li> <li>Enhanced Recovery</li> <li>Hydrocarbon Storage</li> </ul>					
										CLASS III (Nahcolite Production Well) Side by Side Dual 7" Casing Completion				
		S			Lease Nar	Lease Name Yankee Gulch Well Numb					ber <mark>20-3</mark>	er 20-36		
	CASI	NG AND TI	UBING RECO	ORD A	FTER PLUC	GGING			METH	OD OF EMPI	LACEMENT	OF CEMENT	PLUGS	
SIZE	WT(LB/FT) 95# - ERW	, , ,			D BE LEFT IN WELL(FT) HOLE S			E		The Balance Method The dump Bailer Method				
7"	26# - J-55 & N-80	0		0-	2012' (shi ing)	ort	19"							
				2323' (long 19" X ing)				Other Tremie thro	ugh Coil Tul	oing Unit				
	MENTING TO PL Hole or Pipe in w					G #1 Short)	PLUG #2 7" (Long)	PL	UG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	
Depth	to Bottom of Tubi	ing or Drill P			2012		2323' 1785'	1			_			
Depth to Cast Iron Bridge Plug (ft.) Sacks of Cement Used (each plug)					343		343							
	Volume Pumped ated Top of Plug (				405 Surfa	200	405 Surface							
Measu	red Top of Plug (i				Surfa		Surface							
	Wt. (Lb./Gal.) ement or other ma	terial (Class	TTD .		15.8 Type	G	15.8 Type G				····			
Type cement or other material (Class III) LIST ALL OPEN HOLE AND/					O/OR PERH					SING WILL	BE VARIED			
From To					0			Fro	m			То		
ft³/sacl	2015- Dissolutio k cement in the s s/gallon, 1.15 ft3,	hort string 7	" casing. 10	)/13/20	015 – Coil t	ubing pla							ounds/gallon, 1.15 f Type G, 15.8	
		submitt immedia and con	ed in this do ately respon uplete. I am o	ocumen sible fo ware t	t and all an r obtaining hat there an	nt I have ; ttachmen g the info re signific	ts and that, i ormation, I b	amine based elieve for s	on my that the	n familiar wi inquiry of ti information g false inform	hose individ is true, accu	luals trate,		
NAME AND OFFICIAL TITLE (Please type or print)       SIG         David Valvoda Plant Manager       C						SIGNA	and	1/	lan	1		TE SIGNED	2015	
EPA Form 7520-14								67						

	-										Form Appro	ved UMB I	No 2040-0042 A	pproval Expires 6-30-9	
	SEPA UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460														
PLUGGING AND ABANDONMENT															
1	NAME AND ADDRESS OF FACILITY American Soda L.L.P.							NAME AND ADDRESS OF OWNER/OPERATOR							
27991 County Road 5							American Soda L.L.P. 2717 County Road 215								
Rifl	e, Co, 81650						Parachute, Co, 81635								
						COUNT	TY PERMIT NUMBER								
LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT 640 ACRES					co.	CO. Rio Blanco CO3858-0					8-04556				
												_			
		N					ELOCA'I V ¼of	NE 4 c			ection 29 Tow	nchin 15	Range 071W		
		IN											Range 97W 6 <sup>th</sup> F	P.M.	
						LOCATES	LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT								
						Surface Location 464' (N) from section corner and 553' (W) from section corner									
						Elevation Casing Head = 6297' Elevation Ground Level = 6295'									
						14,558.19 Easting 13,383.35 Northing									
						TY.	PE OF A	UTHORIZA	ATIC	N		WELL ACTIVITY			
W					E		ividual Pe				CLASS	-			
						Are Rul	e Permit					II Brine Dispi	osal		
												Enhanced Recovery			
						Number	of Wells_	1			Hydrocarbon Storage     CLASS III (Nahcolite Production Well)				
											Side by Side Dual 7" Casing Completion				
1															
		S				Lease Name Yankee Gulch				Well Numb	Well Number 20-19				
	CAS	NG AND I	TUBING I	RECO	RD AI	FTER PLU	TER PLUGGING METHO				OD OF EMPL	ACEMENT	OF CEMENT	PLUGS	
SIZE	WT(LB/FT)	TOBEPU	T IN WEL	L(FT)	ТО	BE LEFT IN	WELL (ET)	HOLE SIZ	F		The Balance	Mathad			
24"	95# - ERW	0		-(1 1)	0-8		(1200(11)	24"			The dump B		od		
7″	26# - J-55 &	0			-	1712' (short 19"				õ	The Two-Plu				
7"	N-80					ing)				0.1					
	26# -J-55 & N-80	0			1	2027' (loi ng)	ng	19″		Х	Other Tremie throu	gh Coil Tu	bing Unit		
C	EMENTING TO PL	UG AND A	BANDO	NED I			IG #1	PLUG #2	PL	UG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	
	of Hole or Pipe in w			laced (	inche	s) 7″ (S	Short)	7" (Long)							
	h to Bottom of Tubi h to Cast Iron Bridg					1712		2027' 1515'							
	of Cement Used (					293	,	280	+				+		
	y Volume Pumped					346		322							
	llated Top of Plug ( ured Top of Plug (i		)			Surf		Surface Surface					<u> </u>		
Slurr	y Wt. (Lb./Gal.)					15.8		15.8							
Туре	Type cement or other material (Class III) 1 LIST ALL OPEN HOLE AND/OR F						e G │ FORATEI	Type G D INTERVAL	SWF	ERE C4	ASING WILL F	EVARIE	(if any)		
From To							Fre			То					
Octo	per 8, 2015- Dissol	ution surfa	ice at 146	55'. 12	2/17/2	2008 - Lon	g string o	of well plugge	d and	d abando	oned to Cast I	ron Bridge	Plug set at 15	15'. Coil tubing	
place	ment of cement at	bridge plu	ıg (1515')	). Pun	nped	280 sacks	of Type G	6, 15.8 pound	ls/gal	lon, 1.15	5 ft³/sack cem	ent in the	long string 7"	casing. 10/8/2015	
- Purr	ped 293 sacks of T	ype G, 15.	8 pounds	s/galic	n, 1.1	.5 ft3/sack				g 7" casii	ng. Short stri	ng of well j	olugged and a	bandoned.	
		I certifu	under the	e pena	lty of	the law th		TIFICATIC personally ex		ed and a	m familiar wit	h the infor	mation		
	•	submit	tted in th	is doc	ument	t and all a	ttachmen	ts and that, l	based	on my	inquiry of th	ose indivi	duals		
		immed and co	nately re. mplete. I	sponsi am at	ble fo vare ti	r obtainin hat there a	g the info re signific	ormation, I b cant penalties	elieve : for s	e that the ubmittin	e information : Ig false inform	s true, acci ation. inch	ırate, ıding		
								40 CFR 144.			a ,				
NIANA	E AND OFFICIAL		ca fama ar	apprise & 1			STONIA	TTIPE					TE SIGNED		
	id Valvoda P			(חייין)			JIDINA	TURE	1/-	0 1	)		ctober 29,	2015	
							100	wia	va	vod	5				
EPA F	orm 7520-14														

\* 1 C 1

Form 3160-5 (June 1990)		TED STATES ENT OF THE INTERIOR	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993				
	BUREAU O	5. Lease Designation and Serial No.					
	SUNDRY NOTIO	Yankee Gulch CO-118328					
Do not use this	form for proposals to Use "APPLICATION	6. If Indian, Allottee or Tribe Name N/A					
	SUBM	7. If Unit or CA, Agreement Designation N/A					
1. Type of Well □ Oil Well □	Gas Well 🗵 Other	8. Well Name and No. American Soda L.L.P. 20-19 EPA Class III CO3858-04556					
2. Name of Operato American Soda,		9. API Well №. <mark>20-19 (Nahcolite)</mark>					
3. Address and Tele	phone No.		10. Field and Pool, or Exploratory Area				
2717 County Roa	d 215, Parachute, Co		Central Piceance Creek Basin				
4. Location of Well (	Footage, Sec., T., R., M	., or Survey Description)		11. County or Parish, State			
14,558.19 Eastir 13,383.35 Northi	-	of Section 20, T1S, R97W 6 <sup>th</sup> P.M.		Rio Blanco, Colorado			
12. CHECK APPR	OPRIATE BOX(s) TO I	NDICATE NATURE OF NOTICE, R	EPORT OR OTHER	DATA			
TYPE OF S	UBMISSION	TYPE OF ACTION	IION				
⊠Notice o	of Intent	🗆 Abandonment	nange of Plans				
		Recompletion	ew Construction				
🗆 Subsequ	ient Reports	🖾 Plugging Back	on-Routine Fracturing				
		Casing Repair	ater Shut-Off				
🗆 Final Al	pandonment Notice	□ Altering Casing		onversion to Injection			
		□ Other	spose Water				
<u>e</u>			eport results in multiple completion on Well				
			Comple	pletion or Recompletion Report and Log form.			

• Well 20-19 dissolution surface at 1465'.

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- On 7/24/2004 Rig up Key Energy on well and nipple down wellhead.
- 7/26/2004 Pull 2204' (all) of 4 1/2" long string. Set cast iron bridge plug at 1515' on long 7" casing. Pull 1816' (all) of 4 ½" short string. Set cast iron bridge plug at 1515' on short 7" casing. Rig down Key Energy and move to next location.
- On 9/11/2008 Well 20-19 7" long string failed MIT.
- On 12/17/2008 Halliburton tripped coil tubing to the cast iron bridge plug at 1515' and pumped 280 sacks of Type G cement, 15.8 #/gallon, 1.15 ft<sup>3</sup>/sack cement, slurry volume 322 ft<sup>3</sup> in short string 7" casing.
- On 10/8/2015 RACS tripped coil tubing to the cast iron bridge plug at 1515' and pumped 293 sacks of Type G cement, 15.8 #/gallon, 1.15 ft<sup>3</sup>/sack cement, slurry volume 346 ft<sup>3</sup> in short string 7" casing.
- Wellhead is cut down and a cap is placed on the casing strings indicating the date of plugging and abandonment and the well identification.

14. I hereby certify that the foregoing is tru- Signed Signed	ue and correct.	Plant Manager	Date	October 29, 2015
(This space for Federal or State office use)				· ·
Approved by	Title		Date	
Conditions of approval, if any:				