Bratcher, Mike, EMNRD

From:

Andrew Parker <andrew@rthicksconsult.com>

Sent:

Monday, January 28, 2013 2:35 PM

To:

Bratcher, Mike, EMNRD; Martinez, Donald

Cc:

David_Luna@xtoenergy.com

Subject:

XTO Closure Report for Halliburton CleanWave System

Attachments:

XTO Cleanwave Closure Report.pdf

Mr. Bratcher and Mr. Martinez:

Attached is the closure report for XTO Energy's Nash Unit #4 that was the location for Halliburton's CleanWave produced water treatment system. Please recall that the treatment system was used along with the Poseidon Tank to frack six wells in the Fall of 2012.

Thank you for working with us during the permitting process. We look forward to working with you in the near future. If you have any questions please contact Andrew Parker at 970-570-9535.

Andrew Parker RT Hicks Consultants Durango Field Office (970) 570-9535

R. T. HICKS CONSULTANTS, LTD.

901 Rio Grande Blvd NW ▲ Suite F-142 ▲ Albuquerque, NM 87104 ▲ 505.266.5004 ▲ Fax: 505.266-0745

January 28, 2013

Mr. Mike Bratcher NMOCD District 2 811 South First Street Artesia, New Mexico 88210 Via E-mail

RE: Closure Report for Part 34 Use Permit for Treating Produced Water using CleanWave™ Technology.

Operator: XTO Energy

Location: Nash Unit #4. (API No. 30-015-21777)
 Sec 13, T23S, R29E, Unit A

Dear Mr. Bratcher:

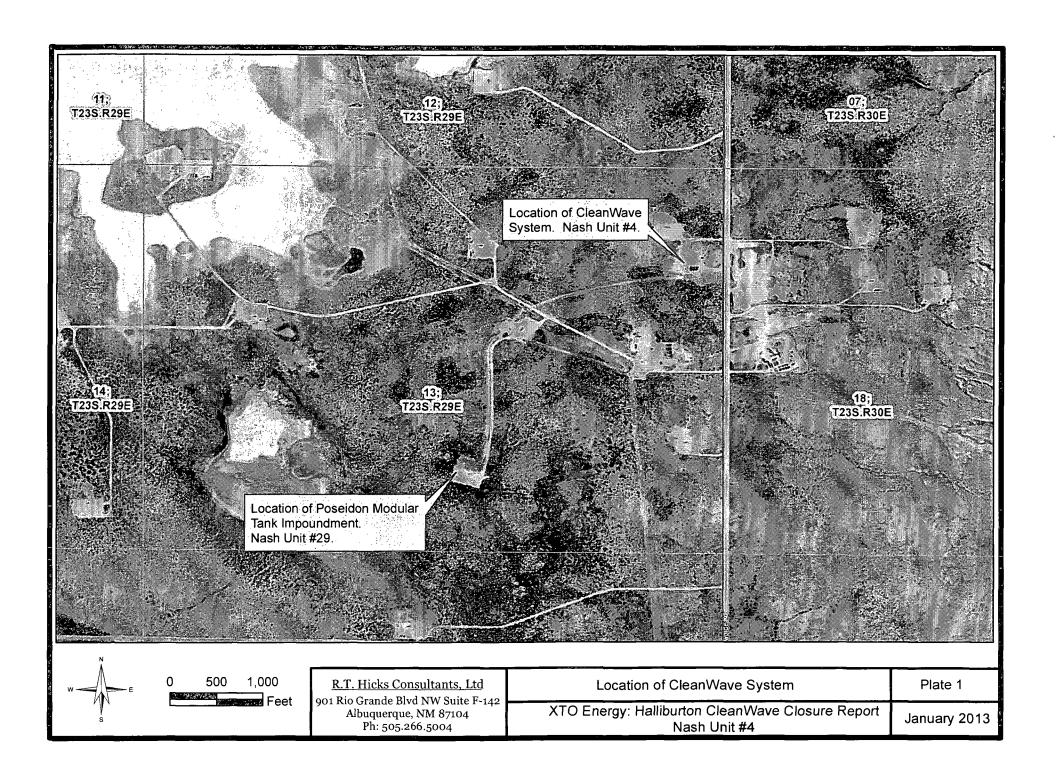
R.T. Hicks consultants is pleased to submit this Closure Report for the above referenced location on the behalf of XTO Energy. Closure activities were performed in accordance with the approved letter application dated May 22, 2012 (Appendix A). The location of the CleanWave system is shown on Plate 1.

On June 20th, 2012, XTO Energy began sending treated water from Halliburton's CleanWave system, located at Nash Unit #4, to the Poseidon Modular Impoundment (Poseidon tank) located at Nash Unit #29. On June 25, 2012, the first well, Nash Unit 39H, was fractured using treated water. On September 26, 2012, the last well, Nash Unit 49, was fractured using treated water. The transfer completion date, in lieu of rig release date, was October 5, 2012.

Closure activities for the CleanWave system began on October 5, 2012. All remaining fluid in the CleanWave System was sent to the Poseidon modular impoundment for fracturing the last well. Residual sludge in the CleanWave System was removed for proper disposal. Operation logs for the CleanWave system are presented in Appendix B and indicate no releases of treated produced water occurred at the location of the Haliburton CleanWave System.

On December 11, 2012, after the remaining CleanWave system was removed off location, we mobilized to the location and restored the surface to pre-existing conditions. Approximately ten gallons of unused filtration granules (Figure 1, Appendix C) were removed from the surface prior to surface restoration. We observed no additional evidence of a release from the CleanWave system.

Using a backhoe, we removed containment berms and graded the site to match surrounding and existing grade. The caliche from the containment berms were re-used to reinforce existing containment berms on location. Figures 2 through 4 show location restoration activities to pre-existing conditions.



APPENDIX A

State of New Mexico Energy, Minerals and Natural Resources Department

Susana Martinez

Governor

John Bemis
Cabinet Secretary

Brett F. Woods, Ph.D. Deputy Cabinet Secretary Jami Balley
Division Director
Oil Conservation Division



May 23, 2012

David Luna XTO Energy, Inc. 200 N. Loraine, Ste. 800 Midland, Texas 79705

RE: Request For Temporary Approval To Treat, Store And Use Produced Water

EPWM-010

XTO Energy, Inc.

Location: Unit A, Section 13, Township 23 South, Range 29 East, NMPM

Eddy County, New Mexico

Dear Mr. Luna:

The Oil Conservation Division (OCD) has reviewed XTO Energy, Inc's (XTO) request, dated May 22, 2012, to treat produced water utilizing Halliburton Energy Services, Inc.'s (HESI) CleanWaveTM water treatment technology, and to temporarily store the treated produced water onsite in existing above-grade tanks, prior to transport via a pipeline to a centralized storage location for distribution and reuse for six scheduled hydraulic fracturing operations. Based upon the information provided in the May 22, 2012 request, OCD understands that this project is expected to take approximately 120 days.

This request is hereby approved with the following understandings and conditions:

- XTO shall comply with all applicable requirements of the Produced Water Rule (19.15.34 NMAC), the Oil and Gas Act (Chapter 70, Article 2 NMSA 1978), and all conditions specified in this temporary approval and shall operate and close the project in accordance with the May 22, 2012 request;
- 2. XTO shall store, treat, and use produced water only as proposed in its May 22, 2012 request. XTO shall submit a modification request and obtain OCD's approval prior to the installation of additional tanks or other structures within the boundaries of the facility, initiating any changes in the storage, treatment, or use of the produced water (treated or untreated), or the disposition of any unused produced water;

Mr. Luna XTO Energy, Inc. EPWM-010 May 23, 2012 Page 2 of 3

- 3. XTO shall locate the mobile HESI CleanWaveTM water treatment system onto XTO's Nash Unit #4 (API 30-015-21777) well pad within Unit A of Section 13, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico;
- 4. XTO shall only store, treat, and use produced water from tank battery associated with XTO's Nash 53 SWD (API 30-015-39400), located within Unit H of Section 13, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico. XTO shall submit a modification request and obtain OCD's approval prior to switching to a new source of the produced water for treatment;
- 5. XTO shall ensure that the HESI CleanWaveTM water treatment system is properly operated and monitored to prevent unauthorized releases;
- 6. XTO will transport the treated produced water to an off-site centralized collection impoundment, located on XTO's Nash Draw Unit #29 well pad within Unit J of Section 13, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico, for distribution and reuse for six scheduled hydraulic fracturing operations as identified in the May 22, 2012 request.
- 7. XTO shall obtain a separate permit from OCD for the off-site impoundment prior to transporting treated produced water via the pipeline;
- 8. XTO shall report all unauthorized discharges, spills, leaks, and releases of produced water or other oil field waste pursuant to 19.15.29 NMAC;
- 9. XTO shall <u>not</u> manage any oil field waste at the produced water treatment site on the ground in pits, ponds, below-grade tanks or land application units without an OCD approved permit;
- 10. XTO shall not discharge any treated or untreated produced water on the ground, to ground water, or into any surface water body;
- 11. XTO shall ensure that liquid oil field waste (e.g. sludge) and produced water (treated or untreated) is transported using an OCD permitted (C-133 Authorization to Move Produced Water) hauler;
- 12. XTO shall dispose of its solid and semi-solid oil field waste, including, but not limited to, sludge, flocculants, treatment filters, membranes, etc., at R360 Permian Basin, LLC's Surface Waste Management Facility (NM1-006/R-9166) as proposed in its May 22, 2012 request. XTO shall retain records (OCD Form C-138) documenting all oil field waste removed from the site. The records shall indicate the facility name and permit number of the OCD approved facility in which the oil field waste is disposed;
- 13. XTO shall dispose of any unused, treated or untreated produced water at XTO's Nash 53 SWD (API 30-015-39400);

Mr. Luna XTO Energy, Inc. EPWM-010 May 23, 2012 Page 3 of 3

- 14. XTO shall restore the impacted surface area to the condition that existed prior to initiating the approved operations and complete the closure activities, including the submittal of a closure report, as proposed in its May 22, 2012 request; and
- 15. XTO shall submit a report of the volumes of produced water diverted (treated and used) in barrels to the OCD's Environmental Bureau within 30 days after the project is completed.

OCD understands that the above approved activities will occur sometime during the period of June 2012 through October 2012. This temporary approval shall expire May 23, 2013. Temporary approval may be revoked or suspended for violation of any applicable provisions and/or conditions. OCD may administratively modify this temporary approval at any time, if it determines that an emergency exists requiring emergency response operations to abate immediate threats to fresh water, public health, and the environment.

Please be advised that approval of this request does not relieve XTO of liability should operations result in pollution of surface water, ground water or the environment; nor does approval relieve XTO of its responsibility to comply with any other applicable governmental authority's rules and regulations.

If there are any questions regarding this matter, please do not hesitate to contact Mr. Brad A. Jones of my staff at (505) 476-3487 or brad a jones@state.nm.us.

Sincerely,

Jami Bailey Director

JB/baj

cc: OCD District II Office, Artesia

APPENDIX B

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re there any addition one ave there been any oseidon tank is supposed as client provided a	nal supplies/ed changes to the ose to be here	quipment need a current sche Wednesday or	led? If so, what items and vidue, including volumes ne Thursday of next week.	vhen? eded by clien			

Appendix B Table B-2

Date:	6/11/20	12		Panat	Number:		7
Date.	6/11/20	12			lumber:		8
Client:	XTO			SI SI	hift Onsite Time:	N/A	am/pm
Location:	Nash 2	9		SI SI	nift Offsite Time:	N/A	am/pm
Site Contact:	Bo Jacks	son		* S	ystem Run Time:	0	Total hrs.
Site Contact:	Paul Wor	ley		Present (Onsite Activities:	PROCES	S WATER
Processing Hrs	Today: () hrs	Cumulativ	e Processing	Hrs:	13	hrs
BBLS Processe		0 bbls	Cumulative	BBLS Proces	ssed:	5,45	2 bbls
BBLS/Hr.Proc		#DIV/0!	Cumulative	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		419.4	bbl/hr
Lead Supervisor:	Paul Wor	rlev	Readings:	flow back	~ Volts/Amps*	No.	Turbidity
Lead Operator	1 801 7701	icy	06:00	Ellow pack	· ··· v Oita/ Aii ii pa	personal biliner seen	agential blancy.
Crew			08:00				
. 55 6 - C1 C14 (\$2.500)			10:00				
ŀ			12:00				
ŀ			14:00				
}			16:00				
			10.00				
			Chemical	Usage	Start Inv.	End Inv.	On Order
			HcL Acid	0	1,725	1,725	NO
			Sodium Hydroxide	0	2,280	2,280	NO
Visitors:	BO JACK	SON					
Visitors:						l	
Visitors:							
Were there any abn None	ormal operational	issues onsite	?				
lone			d? If so, what items and				
			ule, including volumes ne nursday of next week.	eded by client			
las client provided	any operational fo	eedback (posi					
Person:			Company:			XTO	
Additional Cor							
All tanks are full ,wa	aning on poseidon (anks.					

Date:	6/13	2/2012		Report	Number:		7
	0,12	./2012			Number:		8
Client:	×	то		s s	hift Onsite Time:	N/A	am/pm
Location:		sh 29			hift Offsite Time:	N/A	am/pm
Site Contact:		ackson			ystem Run Time:	0	Total hrs.
Site Contact:	Paul	Worley	:		Onsite Activities:		SS WATER
Processing Hr	s Today:	0 hrs	Cumulativ	e Processing	Hrs:	13	hrs
BBLS Processe	d Today:	0 bbls	Cumulative	BBLS Proces	ssed:	5,45	2 bbls
BBLS/Hr Proc	essed:	#DIV/0!	Cumulative	BBLS/Hr Proc	essed:	419.4	bbl/hr
	David	Madau	Pr 10 30 6 200 presentation 2	mana and a parameters	In the second	Company T. Commer	Committee of the Commit
Lead Supervisor:	Paul	Worley	Readings:	* flow back	Volts/Amps	pН	Turbidity
Lead Operator Crew			06:00				
gright Crew till his			08:00		 		
			10:00				
			12:00				
			14:00				
			16:00				
			*** Chemical	Usage	Start Inv.	End Inv.	On Order
			HcL Acid	0	1,725	1,725	NO NO
				0	2,280	2,280	NO NO
Visitors:	PO IA	CKSON	Sodium Hydroxide	ļ <u>-</u>	2,280	∠,∠6∪	INC.
Visitors:	BO 3A	CONSUN	·		+	-	
Visitors: Visitors:				-	ļ		
violutis.				L			
Were there any abn None	ormal operatio	nal issues onsite	?	1. The state of th		American Communication (Communication)	
Are there any addit None	ional supplies/	equipment neede	d? If so, what items and	when?			
			ule; including volumes ne	eded by clien	t?		
r oseidoir tarik is sup	pose to be new	e wednesday of 1	nuisday of next week.				
en trak jægenn wyggenossak til a kæk	2864000000000000000000000000000000000000	waalf_formeragemin date_are_ar	120, and the competition obtains a second	and the second s	generalization (not place) and re-	Summing programs 2 4 5 4 4	77 0000 (Section 2) - 19400 oc
	any operation	al feedback (pos	itive or negative)?		T		
Person:			Company:			ХТО	
Additional Co	mments						
		don tanks Filled a	ill dirty tanks Bo Jackson si	howed me whe	re to get more wa	ter to fill dirty t	anks and I fille
them using pumps o			•		-	,	

Date:		_				
vale.	6/13/2012] [Number:		8
				Number:		8
Client:	ХТО	ן [S	hift Onsite Time:	N/A	am/pm
Location:	Nash 29]	S	hift Offsite Time:	N/A	am/pm
Site Contact:	Bo Jackson]	S	ystem Run Time:	0	Total hrs
Site Contact:	Paul Worley] [Present	Onsite Activities:	PROCES	S WATER
Processing Hrs	Today: 0 hrs			Hrs:	13	hrs
BBLS Processed	Today: 0 bbls	Cumulative	BBLS Proce	ssed:	5,45	2 bbls
BBLS/Hr Proce	essed: #DIV/0!	Cumulative	BBLS/Hr Proc	essed:	419.4	bbl/hr
Lead Supervisor:	Paul Worley	Readings:	flow back	Volts/Amps	рН	Turbidit
Lead Operator	, adi ttolicy	06:00	Mark Dack	- v.oitsyramps	Pil	a a a a a a a a a a a a a a a a a a a
Crew	-	08:00		 		
		10:00		 		
-		12:00				
		14:00		<u> </u>		
		16:00		†		
F						
		Chemical	Usage	Start Inv.	End Inv.	On Orde
Ĺ		HcL Acid	0	1,725	1,725	NO
		Sodium Hydroxide	0	2,280	2,280	NO
Visitors:	BO JACKSON			ļ		
Visitors:						
Visitors:] [
lone	ormal operational issues onsi					
None Are there any additio	ormal operational issues onsi		vhen?			
ve there any addition		ded? If so, what items and v			the state of the s	
re there any additione lone lave there been any	onal supplies/equipment need	ded? If so, what items and v	eded by clien			
Are there any addition None Have there been any Poseidon tank is supp	changes to the current sche	ded? If so, what items and vidule; including volumes ne	eded by clien	17		
we there any addition lone Have there been any Poseidon tank is suppled to the provided to the person: Additional Com	changes to the current sche cose to be here anytime now.	ded? If so, what items and vertices and vertices of negative)?	eded by clien		XTO	
re there any addition one lave there been any oseidon tank is supposeidon tank is supposeidon. Additional Com All tanks are full , wai	changes to the current sche cose to be here anytime now.	ded? If so, what items and vertices and vertices of including volumes need to be said to	eded by clien		XTO	

Site Contact: Bo Jackson SystemRun Time: 0 Total h							·	<u>-</u>
Client: XTO Shift Offsite Time: N/A am/p Site Contact: Nash 29 Site Contact: Bo Jackson Site Contact: Paul Worley Processing Hrs Today: 0 hrs BBLS Processed: Paul Worley Cumulative Processing Hrs: 13 hrs Cumulative BBLS Processed: 5,452 bbls Cumulative BBLS Processed: 5,452 bbls Cumulative BBLS Processed: 419.4 bbl/hr Lead Supervisor: Paul Worley Readings: flow back Volts/Amps pH Str/bid 66:00 66:00 10:00 1	Data	6/1/	/2012		Ponoe	Number		0
Client: XTO Shift-Offsite Time: N/A am/p Stee Contact: Bo Jackson Stee Contact: Bo Jackson Stee Contact: Bo Jackson Stee Contact: Paul Worley Processing Irrs. Today: 0 hrs PROCESS WATER Processing Irrs. Today: 0 hrs PROCESS WATER Processing Irrs. Today: 0 hrs PROCESS WATER Processing Irrs. Today: 0 hbis Cumulative Processing Irrs. Today: 0 bbis Cumulative BBLS Processed: 5.452 bbis District BBLS Processed: 5.452	Date.	0/14/	72012					
Shift Offsite Time: N/A am/p System Run Time: N/A am/p Stee Contact: Po Jackson Paul Worley Present Onsite Activities PROCESS WATER Processing Hrs. Today: 0 hrs Processing Hrs. Today: 0 bits PROCESS WATER Processing Hrs. Today: 0 bits PROCESS WATER Processing Hrs. Today: 0 bits PROCESS WATER Processed: 5.452 bits					AL CARAMETERS	iaiiioci.	•	
Site Contact: Bo Jackson Site Contact: Paul Workey Processing Hrs.Today: 0 hrs BBLS Processed Today: 0 bbls BBLS/Hr Processed: 5.452 bbls BBLS/Hr Processed: 5.452 bbls Cumulative BBLS	Client:	X	ГО	7	S	hift Onsite Time:	N/A	am/pm
Site Contact: Bo Jackson Site Contact: Paul Worley Processing Hrs. Today: 0 hrs BBLS Processed Today: 0 bbls BBLS Processed: 5,452 bbls BBLSAH Processed: 5,452 bbls BBLSAH Processed: 49DIV/01 Lead Supervisor: Paul Worley Lead Operator Crew Readings: 1low, back Volts/Amps pH Martinbid Lead Operator Crew Chemical Wusage Start Inv. Pend Inv. P								am/pm
Site Contact: Paul Worley Processing Hrs Today: 0 hrs BBLS Processed Today: 0 bits BBLS/Hr Processed: 5,452 bits Cumulative BBLS/Hr Processed: 419.4 bibl/hr Cumulative BBLS/Hr Processed: 5,452 bits Cumulative BBLS/Hr Processed: 5,452 bits Cumulative BBLS/Hr Processed: 419.4 bibl/hr Cumulative BBLS/Hr Processed: 5,452 bits Cumulative BBLS/Hr Processed: 419.4 bibl/hr Processed: 5,452 bits Cumulative BBLS/Hr Processed: 5,452 bits Cumulative BBLS/	Site Contact:	Bo Ja	ickson				<u>-</u>	Total hrs.
Processing Hrs Today: 0 hrs BBLS Processed Today: 0 bbls BBLS/Hr Processed: #DIV/0! Lead Supervisor: Paul Worley Lead Operator	Site Contact:	Paul \	Vorley				PROCES	SS WATER
BBLS Processed: 5,452 bbls BBLS/Hr Processed: 7419.4 bbl/hr Lead Supervisor: Paul Worley Lead Operator 06:00 Crew 06:00 10:00 114:00 14:00 16:00 Wisitors: Visitors:				_		-	·	
BBLS Processed: 5,452 bbls BBLS/Hr Processed: #DIVI0! Lead Supervisor: Paul Worley Lead Operator Crew Crew Wistors: Visitors: Visitors: Visitors: Were there any additional supplies/equipment needed? If so, what items and when? Are there been any changes to the current schedule; including volumes needed by client? Poseidon tank is suppose to be here maybe on Monday. Company: Additional/Comments Cumulative BBLS/Processed: 5,452 bbls Cumulative BBLS/Hr Processed: 419.4 bbl/hr Cumulative BBLS/Hr Processed: 5,452 bbls Cumulative BBLS/Hr Processed: 5,452 bbls Cumulative BBLS/Hr Processed: 419.4 bbl/hr Changes: flow back Volts/Amps pH								
BBLS/Hr Processed: #DIV/0! Lead Supervisor: Paul Worley Lead Operator Crew 1000 1000 1200 1600 Chemical Usage Start Inv. Endinv. On Order Hct. Acid 0 1,725 1,725 NO Sodium Hydroxide 0 2,280 2,280 NO Visitors: Visitors: Visitors: Visitors: Visitors: Were there any additional supplies/equipment needed? If so, what items and when? None Have there been any changes to the current schedule; including volumes needed by client? Poseidon tank is suppose to be here maybe on Monday. Has Citent provided any operational feedback (positive or negative)? Person: Company: XTO Additional Comments							13	hrs
Lead Supervisor: Paul Worley Lead Operator Crew 06:00								
Lead Operator Crew 06:00 08:00 10:00 12:00 14:00 14:00 16:00 Chemical Usage Startinv Endinv On Order HcL Acid 0 1,725 1,725 NO Sodium Hydroxide 0 2,280 2,280 NO Visitors: Visitors: Were there any abnormal operational issues onsite? None Are there any additional supplies/equipment needed? If so, what items and when? None Have there been any changes to the current schedule, including volumes needed by client? Poseidon tank is suppose to be here maybe on Monday. Has client provided any operational feedback (positive or negative)? Person: Additional Comments XTO	BBLS/Hr Proc	essed:	#DIV/0!	Cumulativ	BBLS/Hr Proc	essed:	419.4	bbl/hr
Lead Operator Crew 06:00 08:00 10:00 12:00 14:00 14:00 16:00 Chemical Usage Startinv Endinv On Order HcL Acid 0 1,725 1,725 NO Sodium Hydroxide 0 2,280 2,280 NO Visitors: Visitors: Were there any abnormal operational issues onsite? None Are there any additional supplies/equipment needed? If so, what items and when? None Have there been any changes to the current schedule, including volumes needed by client? Poseidon tank is suppose to be here maybe on Monday. Has client provided any operational feedback (positive or negative)? Person: Additional Comments XTO								
OS:00 10:0		Paul \	Norley		flow back	Volts/Amps	pH •	Turbidity
10:00 12:00 14:00 14:00 16:00 16:00 16:00 16:00 16:00 16:00 16:00 16:00 17:25 17:25 NO Sodium Hydroxide 0 2,280 2,280 NO NO No No No No No No				_				
12:00 14:00 16:00 16:00 16:00 16:00 16:00 17:25 17:25 NO NO NO 17:25 17:25 NO NO NO NO NO NO NO N	Crew				<u> </u>	ļļ		ļ <u>.</u>
14:00 16:00					_	 		
16:00				_	4			
Chemical Usage Start Inv End Inv. On Ord HcL Acid 0 1,725 1,725 NO Sodium Hydroxide 0 2,280 2,280 NO Visitors: Visitors: Were there any abnormal operational issues onsite? None Were there any additional supplies/equipment needed? If so, what items and when? None Have there been any changes to the current schedule, including volumes needed by client? Poseidon tank is suppose to be here maybe on Monday. Has client provided any operational feedback (positive or negative)? Person: Company: XTO Additional Comments				⊣		ļl		
Httl Acid 0 1,725 1,725 NO Sodium Hydroxide 0 2,280 2,280 NO Visitors: Visitors: Visitors: Were there any abnormal operational issues onsite? None Are there any additional supplies/equipment needed? If so, what items and when? None Have there been any changes to the current schedule, including volumes needed by client? Poseidon tank is suppose to be here maybe on Monday. Has client provided any operational feedback (positive or negative)? **Rerson:** Company: XTO **Additional Comments**				16:00		l		l
Htt. Acid 0 1,725 1,725 NO Sodium Hydroxide 0 2,280 2,280 NO Visitors: Visit				No consideration (Control Control Cont	esel de la companione	Server Tayon San Server	rended :: wec.erikanenskull	Postingai _ 1 _ 1 12 II 17 900 de
Visitors:								On Order
Visitors:	į				+	 		
Were there any abnormal operational issues onsite? None Are there any additional supplies/equipment needed? If so, what items and when? None Have there been any changes to the current schedule, including volumes needed by client? Poseidon tank is suppose to be here maybe on Monday. Has client provided any operational feedback (positive or negative)? Person: Company: XTO N/A Additional Comments	an and the second			Sodium Hydroxide	0	2,280	2,280	NO NO
Were there any abnormal operational issues onsite? None Are there any additional supplies/equipment needed? If so, what items and when? None Have there been any changes to the current schedule, including volumes needed by client? Poseidon tank is suppose to be here maybe on Monday. Has client provided any operational feedback (positive or negative)? Person: N/A Additional Comments				-		 		
Were there any abnormal operational issues onsite? None Are there any additional supplies/equipment needed? If so, what items and when? None Have there been any changes to the current schedule, including volumes needed by client? Poseidon tank is suppose to be here maybe on Monday. Has client provided any operational feedback (positive or negative)? Person: Company: XTO Additional Comments				-	- 			
Are there any additional supplies/equipment needed? If so, what items and when? None Have there been any changes to the current schedule, including volumes needed by client? Poseidon tank is suppose to be here maybe on Monday. Has client provided any operational feedback (positive or negative)? Person: N/A Additional Comments	visitors:					1		L
Have there been any changes to the current schedule; including volumes needed by client? Poseidon tank is suppose to be here maybe on Monday. Has client provided any operational feedback (positive or negative)? Person: N/A Additional Comments	None							
Poseidon tank is suppose to be here maybe on Monday. Has client provided any operational feedback (positive or negative)? Person: Company: XTO N/A Additional Comments		onal supplies/e	equipment need	ded? If so, what items and	l when?			
Person: Company: XTO N/A Additional Comments					ieeded by clien	1?		
N/A Additional Comments	politica de la composição de la composiç	any operation	al feedback (po					
	Addressed their development and action in			See		<u> </u>	XIO	
All tallits are full, waiting on Poseidon tank			on tonk				· ·-	
	All tanks are full ,wa	aiting on Poseid	on tank					

Date:	6/15	/2012] [Report	Number:		10
			1		Number:		8
TAND BY WA	ITING C	N TANK	•				
Client:	· · ·	го] [S S S S	hift Onsite Time:	N/A	am/pm
Location:		h 29	1		hift Offsite Time:	N/A	am/pm
Site Contact:	Bo Ja	ickson			ystem Run Time:	0	Total hrs.
Site Contact:	Paul \	Norley] [Present	Onsite Activities	PROCES	S WATER
Processing Hrs To		0 hrs	Cumulativ			13	hrs
BBLS Processed T		0 bbls	Cumulative				2 bbls
BBLS/Hr Process	sed:	#DIV/0!	Cumulative E	BBLS/Hr Proc	essed:	419.4	bbl/hr
Lead Supervisor:	Paul \	Vorley	Readings:	flow back	Volts/Amps	pH	Turbidity
Lead Operator			06:00				
Crew			08:00				
			10:00				
			12:00				
			14:00				
			16:00				
-			Chemical	Licado	Start Inv.	End Inv. 😤	On Ordei
	 		HcL Acid	Osage 0	1,725	1,725	NO NO
Ļ	-		Sodium Hydroxide	0	2,280	2,280	NO NO
Visitors:			Joanam Tryaroxiae		2,200	2,200	110
Visitors:						-	
Visitors:			1				
Vere there any abnorm one	nal operatio	nal issues onsid	te?				
re there any addition: one	al supplies/	equipment need	ed?.lf.so, what items and v	vhen?			
lave there been any c oseidon tank is suppos			dule, including volumes ne day.	eded by clien	t7		
las client provided an	y operation	al feedback (pos	sitive or negative)?				
Person:			Company:			хто	
I/A							
4111 A.C. 411111111 . 1111111110 . 134400040A.13.	Se A. Villamor D						

	6/16/2	:012		Report	Number:		11
					lumber:		8
STAND BY WA	ITING O	N TANK					
Client:	XTC)		2071177400000000000000000000000000000000	hift Onsite Time:	N/A	am/pm
Location:	Nash				nift Offsite Time:	N/A	am/pm
Site Contact:	Bo Jac				T 6(1)-(3)-(3-1)-(1)	0	Total hrs.
Site Contact:	Paul W	orley	Į	Present	Onsite Activities	PROCES	SS WATER
Processing Hrs To	oday:	0 hrs	Cumulativ	e Processing	Hrs:	13	hrs
BBLS Processed T		0 bbls	Cumulative				2 bbls
BBLS/Hr Process		#DIV/0!	Cumulative	BBLS/Hr Proc	essed:	419.4	bbl/hr
Lead Supervisor:	Paul W	orley	Readings:	flow back	Volts/Amps	pН	Turbidity
Lead Operator			06:00				
Crew			08:00				
			10:00				
			12:00				
			14:00				
			16:00				
			Chemical	Usage	Start Inv.	End Inv.	On Orde
			HcL Acid	0	1,725	1,725	NO
			Sodium Hydroxide	0	2,280	2,280	NO
Visitors:							
Visitors:							
Visitors:							
Vere there any abnorm	nal operation	al issues onsite					
re there any addition. Ione	al supplies/eo	julpment neede	ed? If so, what items and v	when?			
lone	hanges to the	current sched	ed? If so, what items and very series of the	eded by client	?		
lave there been any c Poseidon tank is suppos las client provided an	hanges to the se to be here c	current sched on Monday and	ule, including volumes ne we are suppose to start fillin itive or negative)?	eded by client g it on Monday	? afternoon.	Numericanis in the second seco	oo amaa ka amaa ka ah
lave there been any coordinate the coordinate the coordinate to the coordinate th	hanges to the se to be here c	current sched on Monday and	ule, including volumes ne we are suppose to start fillin	eded by client g it on Monday	? afternoon.	Numericanis in the second seco	
lave there been any coseidon tank is supposed and a supposed as client provided an	hanges to the se to be here c	current sched on Monday and	ule, including volumes ne we are suppose to start fillin itive or negative)?	eded by client g it on Monday	? afternoon.		

	6/17	/2012	İ	Report	Number:		12
			•	Unit N	lumber:		8
TAND BY W	AITING C	N TANK					
Client:	X	ТО		S	hift Onsite Time:	N/A	am/pm
Location:	Nas	sh 29		SI SI	nift Offsite Time:	N/A	am/pm
Site Contact:	Bo Ja	ackson				0	Total hrs.
Site Contact:	Paul	Worley		Present (Onsite Activities:	PROCES	S WATER
Processing Hrs	Today:	0 hrs	Cumulativ	ve Processing	Hrs:	13	hrs
BBLS Processed		0 bbls		e BBLS Proces		5,45	2 bbls
BBLS/Hr Proce	essed:	#DIV/0!	Cumulative	BBLS/Hr Proce	essed:	419.4	bbl/hr
Lead Supervisor:	Paul \	Worley	Readings:	flow back	Volts/Amps	pH pH	Turbidity
Lead Operator			06:00				
Crew			08:00				
			10:00				
			12:00				
L			14:00				
			16:00				
-			Chemical	Usage	Start Inv	End Inv.	On Orde
Ī			HcL Acid	0	1,725	1,725	NO
			Sodium Hydroxide	0	2,280	2,280	NO
Visitors:							
Visitors:							
Visitors:	····						
	Section 1 2 management of the		Variety of the second s	ess lesses a lace escue com			
	ormal operatio	nal issues onsit	e?		Section 1		.::104
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A CONTRACTOR OF THE PARTY OF TH	en a confession consultance of a	sakiess obsulebenski og vestkalli	ne 18 manifest (mgg, managestans).	· Cara Samuel Cons			MOUNT THE RESERVE OF THE
re <u>itnere any additio</u> one	onal supplies/e	edinbuieur need	ed? If so, what items and	wnenr	atur 11 Tempulat asas a santa		
one							
			· · · · · ·				
		ne current sched	lule, including volumes ne	eded by client	7		
ave there been any	changes to th						
ave there been any oseidon tank should							
oseidon tank should	l arrive on Mono	day.	itive or negative)?				
oseidon tank should	l arrive on Mono	day.	iltive or negative)?			XTO	
oseidon tank should	l arrive on Mono	day.				E-60.2336447 1101.14	

Date:	6/18/2012		Report	Number:		13
			Unit N	umber:		8
STAND BY WA	ITING ON TANK					
Client:	XTO		SI	ift Onsite Time:	N/A	am/pm
Location:	Nash 29		Sł	ift Offsite Time:	N/A	am/pm
Site Contact:	Bo Jackson		ATTENDED TO		0	Total hrs.
Site Contact:	Paul Worley		Present (Onsite Activities:	PROCES	SS WATER
Processing Hrs To	oday: 0 hrs	Cumulativ	e Processing	irs:	13	hrs
BBLS Processed T	oday: 0 bbls	Cumulative	e BBLS Proces	sed:	5,45	2 bbls
BBLS/Hr Process	sed: #DIV/01	Cumulative	BBLS/Hr Proce	essed:	419.4	bbl/hr
Lead Supervisor:	Paul Worley	Readings:	flow back	Volts/Amps	pH	Turbidity
Lead Operator	Ken Erler	06:00	communication of Table 1980	- ಎಲ್ಲರ್ನ ಗಾರ್ಯ ಕ್ರಾಪಾರ್ (ಅಪ್ಪರ್ ೧೮೮)	Constitution to CAL CONSTITUTION	
Crew (***)	Adam Pollard	·**** 08:00				
		10:00				-
		12:00				
		14:00		-		
		16:00				
		Chemical	Usage	Start Inv.	End Inv.	On Order
<u> </u>		HcL Acid	Usage 0	1,725	1,725	NO
L		Sodium Hydroxide	0	2,280	2,280	NO
Visitors:		30didiii ii yaroxiac	, ,	2,200	2,200	
Visitors:						
Visitors:						
		·				
Were there any abnor	nal operational issues onsite)?				
lone						
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A STATE OF THE STA	Song time 1	· Por	190 ₂ person <u>2</u> 00			27000
	al supplies/equipment neede	d? If so, what items and	when?		e onderen en e	
	al supplies/equipment neede	d? If so, what items and	when?			Trus seedas S
Are there any addition	al supplies/equipment neede	d? If so, what items and	when?	AND CHARLES		Kamerine .
None						
None Have there been any c	al supplies/equipment neede hanges to the current sched	üle, including volumes ne	eded by client			
None Have there been any c	hanges to the current sched	üle, including volumes ne	eded by client			
None Have there been any c Poseidon tank arrived a	hanges to the current sched fround 3:00 PM and we waited	ule, including volumes ne until 8:00,walls were not up	eded by client			
Have there been any c Poseidon tank arrived a Has client provided an	hanges to the current sched	ule, including volumes ne until 8:00,walls were not up litive or negative)?	eded by client o yet		And the second s	
Have there been any coordinate of the coordinate	hanges to the current sched fround 3:00 PM and we waited	ule, including volumes ne until 8:00,walls were not up	eded by client			
Have there been any c Poseidon tank arrived a Has client provided an	hanges to the current sched fround 3:00 PM and we waited	ule, including volumes ne until 8:00,walls were not up litive or negative)?	eded by client o yet		And the second s	0.19
lave there been any coordinate of the coordinate	hanges to the current sched fround 3:00 PM and we waited by operational feedback (posi	ule, including volumes ne until 8:00,walls were not up litive or negative)?	eded by client o yet		And the second s	

Date:	6/19/2012	1		Report I	Number:	1	4
		_		Unit N		{	3
STAND	BY WAITING	ON TA	NK				
Client:	XTO	1		Shift O	nsite Time:	6:00	am/pm
Location:	Nash 29	1		/110/11 /200 JA	ffsite Time:	N/A	am/pm
Contact:	Bo Jackson	1				0	Total hr
Contact:	Paul Worley	j		esent Onsite	e Activities:	PROCES	S WATER
	Irs Today 0 hrs]			sing Hrs:	13	hrs
BLS Proces		4		ve BBLS P		5,452	bbls
BBLS/Hr Pro	ocessed: #DIV/0!]	Cumulative	BBLS/Hr	Processed	419.4	bbl/hr
upervisor:	Paul Worley	٦	Readings:	flow hack	Volts/Amps	nH M	Turbidit
Operator	Adam Pollard	1	06:00	,	- January Airipa	- amapiname	ast a library
Crew	- idaiii i onard	1	08:00				
		†	10:00				
·		1	12:00		•		
		1	14:00				
F		1	16:00				
	*****	1					
]	Chemical	Usage≫	Start Inv.	End Inv.	On Orde
L			HcL Acid	0	1,725	1,725	NO
		So	dium Hydro	0	2,280	2,280	NO
Visitors:		_					
Visitors:		4					
Visitors:							
5-72 NBC \$4888886	- 1 60° 2 PASSALA - 1. 0. 200 00000000000000000000000000000			Shibabakkatra 15-ba	- Committee of the Comm	Market State of the Committee of the Com	P - 5 (20 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -
	any abnormal opera	tional issue	s onsite?				
None							
	Designess Comments of the Comm	egiller jangillens eine gelektion men o	ary and a second second	**************************************	9 (Min)	- VII. 990 500	.d. 1986 198
_nadayyaaa		es/equipme	nt needed?	If so, what	items and	when?	77.0
	iy auditional supplic						
	iy,audidonar,suppiit						
Are there an None	y _s audido <u>nai</u> supplit						
None		OC #1 - 2 Ff men - 12 F m		×4 - 24 - 41 - 27	- November of the state of the	AND INCOMES	
None Have there	peen any changes to		nt schedule	Including	volumes ne	eeded by cl	lent?
None Have there			it schedule	Including	volumes n	eeded by cl	lent?
None Have there i	peen any changes to		it schedule	including	volumes ne	eeded by cl	lent?
None Have there I Waiting on P	peen any changes to Poseidon tank to be c	ompletely					
None Have there Waiting on P	peen any changes to	ompletely	ick (positiv	or negativ			
None Have there I Waiting on P	peen any changes to Poseidon tank to be c	ompletely	ick (positiv	or negativ			
Have there Waiting on P Has client p	peen any changes to Poseidon tank to be c	ompletely	ick (positiv	or negativ			
Have there it Waiting on P	peen any changes to Poseidon tank to be c	ompletely	ick (positiv	or negativ			

Date:	6/20/2012		Report	Number:		15
Date:		ļ		lumber:		8
Client:	хто	ſ	c	hift Onsite Time:	5:00	am/pm
Location:	Nash 29		""" No Charter I. " as a street Milhadda.	nift Offsite Time:	9:00 PM	am/pm
Site Contact:	Bo Jackson			inconsice ninc.	0	Total hrs.
Site Contact:	Paul Worley		Present	Onsite Activities		S WATER
S Descendant Unit	oday: 0 hrs	28	e Processing	Hrs:	13	hrs
Processing Hrs T BBLS Processed 1			BBLS Proces			2 bbls
BBLS/Hr Proces		Cumulative I			* [*] 419.4	
Lead Supervisor:	Paul Worley	Readings:	flow back	Völts/Amps	pН	Turbidity
Lead Operator	Adam Pollard	.06:00				
/// Crew		08:00				
<u> </u>		10:00				
		12:00				
		14:00				
		Chemical	Usage	Start Inv.	End Inv.	On Orde
		HcL Acid	0	1,725	1,725	YES
		Sodium Hydroxide	0	2,280	2,280	YES
Visitors:	BO JACKSON					
Visitors:				ļ		
Visitors:			<u> </u>	1		
ES TRIED PUMPI	mal operational issues onsite NG TO MAIN CLEAN TANK AN OOKED UP ANOTHER PUMP.	ND PRESSURED UP ON LI	INES TOO FAF	R TO PUMP WITH		
re there any addition	nal supplies/equipment needs		when?			
re there any addition	nal supplies/equipment needs		when?			
re there any addition ES FITTINGS FOR 69 lave there been any (TANKS.				
re there any addition ES FITTINGS FOR 69 lave there been any (500 GAL ACID AND CAUSTIC	TANKS.				
re there any addition ES FITTINGS FOR 69 lave there been any 0	500 GAL ACID AND CAUSTIC	TANKS.				
ve there any addition YES FITTINGS FOR 69 lave there been any 0	500 GAL.ACID AND CAUSTIC	TANKS.				

Not that Higher reasons and a process of the control of the contro		٦ ،	No regarding the New York Co.	7. T. 600, 500 1.7 W 27. W		
Date:	6/21/2012			Number:		16
			Unit N	lumber:		8
Client:	XTO	7	S	hift Onsite Time:	5:30	am/pm
Location:	Nash 29			nift Offsite Time:	5:00 PM	am/pm
Site Contact:	Bo Jackson			100000	9	Total hrs.
Site Contact:	Paul Worley]	Present (Onsite Activities:	PROCES	S WATER
		aliaberta in constituti i a constitu	eri-Billione e Tarri (1971)			
Processing Hrs				Hrs:	13	hrs
BBLS Processed	**************************************			ssed:		2 bbls
BBLS/Hr Proce	essed: 425.3333333	Cumulative	BBLS/Hr Proc	essed:	419.4	bbl/hr
Lead Supervisor:	Paul Worley	Readings:	flow back	Volts/Amps	pН	Turbidity
Lead Operator	Adam Pollard	07:30		100	7.23	1.36
Crew	Ken Erler	09:30		100	6.98	1.23
		11:30		100	6.43	1.05
Ļ		13:30		100	6.23	0.98
-		15:30		100	6.76	1.31
-		16:30	L	100	6.81	1.03
		Chemical Chemical	Usage	Start Inv.	End Inv.	On Order
L		HcL Acid	213	1,725	1,512	YES
distance is a series administration and discussions.		Sodium Hydroxide	295	2,280	1,985	YES
Visitors:	BO JACKSON	┥				
Visitors:		-				
Visitors:		J L				
	principal of participant and principal and p	7 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	-1-1-0-08/80-08/19-03-19-05/19-05	7. U. V		Lateria de la composição
/ereːtnereːanyːabno O	ormal operational issues ons	ite?				
O .						
ni ty, Lattergrani-normaliki, gan	r Naca - mat habelad - Naca - j. 20 van e - matti oberstein Date ten fr					THE STATE OF THE PARTY OF THE P
re there any addition	onal supplies/equipment nee	ded / It so, what items and i	wnen /			
•						
						5x55.00 - 75.75 - 54.66
and a line from being gatte the another section		aule, including volumes ne	eaed by client	7		
ave there been any	changes to the current sche					
ave there been any O	cnanges to the current sche					
0		sitive or negative)?				
0	changes to the current sche	esitive or negative)?			хто	
O as client provided						
as client provided Person: A Additional Com	any operational feedback (po	Company:	27 (1949)		хто	

			1				
Date:	6/22/	/2012			Number:		17
				Unit N	lumber:		8
Client:	χ٦	ro		ς	nift Onsite Time:	5:30	am/pm
Location:		h 29			nift Offsite Time:	12:00 AM	am/pm
Site Contact:		ckson				11	Total hrs.
Site Contact:	Paul V	Vorley			Onsite Activities:	PROCES	S WATER
Processing Hrs	Today:	11 hrs	Cumulativ	e Processing	Hrs:	33	hrs
BBLS Processed	d Today:	3,555 bbls	Cumulative	BBLS Proces	ssed:	12,83	5 bbls
BBLS/Hr Proce	essed:	323.1818182	Cumulative	BBLS/Hr Proc	essed:	388.9	bbi/hr
Lead Supervisor:	Paul \	Vorley	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator	Adam	Pollard	07:30		100	6.57	1.63
Crew 💥 🔻	Ken	Erler	09:30		100	6.87	1.87
	Ray	Lee	11:30		100	6.43	1.19
	Eddy M	cGruder	13:30		100	7.02	1.98
			15:30		100	7.1	1.32
			16:30		100	6.79	1.27
<u> </u>				Fusion-value			
L			Chemical	Usage	Start Inv.	End Inv.	On Order
L			HcL Acid	197	1,512	1,315	YES
0.00/0013-1			Sodium Hydroxide	262	1,985	1,723	YES
Visitors:	BO JA	CKSON					
Visitors:						ļ	
				1			
Visitors:							
Visitors:							
Visitors:		nal Issues onsite	7				ga waa Saa
Visitors:		nal issues onsite	2		erang Care		an Din S
Visitors:		nal issues onsite	?				
Visitors:		nal issues onsite	?		PERMITTING THE PERMIT		
Visitors: Were there any abno	ACID PUMP						
Visitors: Were there any abno	ACID PUMP		? d? If so, what items and				
Visitors: Were there any abnormal and the repeated any additional and additional and additional ad	ACID PUMP						
Were there any abnormal Mere there any abnormal Mere there any additions	CID PUMP	equipment/neede	d? If so, what items and	when?			
Were there any abnormal Mere there any additions: Are there any additions Have there been any	CID PUMP	equipment/neede		when?			
Were there any abnormal Mere there any abnormal Mere there any additions	CID PUMP	equipment/neede	d? If so, what items and	when?			
Were there any abnormal Mere there any additions: Are there any additions Have there been any	CID PUMP	equipment/neede	d? If so, what items and	when?			
Were there any abnormal Mere there any additions and the month of the	CID PUMP onal supplies/e	equipment/neede	d? If so, what items and o	when?	?		
Were there any abnormal Mere there any addition NO Have there been any NO Have there been any NO	CID PUMP onal supplies/e	equipment/neede	d? If so, what items and out of the sound of	when?			
Were there any abnormal Mere there any addition NO Have there been any NO Have there been any NO Has client provided Person:	CID PUMP onal supplies/e	equipment/neede	d? If so, what items and o	when?	?		
Were there any abnormal Mere there any addition NO Have there been any NO Have there been any NO	CID PUMP onal supplies/e	equipment/neede	d? If so, what items and out of the sound of	when?	?		
Were there any abnormal Mere there any additions and the month of the	onal supplies/e	equipment/neede	d? If so, what items and out of the sound of	when?	?		
Were there any abnormal Are there any additional Company Additional Co	onal supplies/e	equipment neede ne current schedu al feedback (posi	d? If so, what items and out of the sound of	when?	?	XTO	

Appendix B Table B-2

Date:	6/23/2012	I	Panor	Number:		18
	0/23/2012			lumber:		8
		'			-	
Client:	XTO		S	hift Onsite Time:	5:00	am/pm
Location:	Nash 29			nift Offsite Time:	5:00 AM	am/pm
Site Contact:	Bo Jackson				23	Total hrs.
Site Contact:	Paul Worley	!	Present	Onsite Activities:	PROCES	S WATER
Processing Hrs 1	Today: 23 hrs	Cumulativ	e Processing	Hrs:	56	hrs
BBLS Processed			BBLS Proces			6 bbls
BBLS/Hr Proces				essed:		bbl/hr
250				3000 12 S 72 S 800 S 800 S	5 - 5 - 50 PPN WEETERS	assa da marana.
Lead Supervisor:	Paul Worley	Readings: 07:00	flow back	Volts/Amps	pH 7.22	Turbidity
Lead Operator Crew	Adam Pollard Ken Erler	13:00		100 100	7.23 6.97	1.98 1.76
CIEW	Ray Lee	13:00		100	6.72	1.76
	Eddy McGruder	23:00		100	7.15	1.87
<u> </u>	Ludy Moorado	2:00		100	6.45	1.45
		4:00		100	6.81	1.51
ļ-						
		Chemical	Usage	Start Inv.	End Inv.	On Order
		HcL Acid	416	1,315	899	YES
		Sodium Hydroxide	590	1,723	1,133	YES
Visitors:	BO JACKSON					
Visitors:						
Visitors:						
00000000	896. Po. 71116 Season No. 1715 William Co. 1811 1			##1.62 WO ;		
	mal operational issues onsite	?				
	mal operational issues onsite	?	E SECTION		The second	general sales
	mal operational Issues onsite	?***				
	mal operational issues onsite	?				
0						
O re there any addition	mal operational issues onsite					
O re there any addition						
io						
re there any addition		d? If so, what items and	when?			
re there any addition O	nal supplies/equipment neede	d? If so, what items and	when?			
io we there any addition	nal supplies/equipment neede	d? If so, what items and	when?			
re there any addition O lave there been any o	nal supplies/equipment neede	d? If so, what items and i	when?			
we there any addition IO lave there been any of	nal supplies/equipment neede	d? If so, what items and use including volumes no tive or negative)?	when?			
re there any addition O lave there been any olo IO las client provided a Person:	nal supplies/equipment neede	d? If so, what items and i	when?			
we there any addition IO lave there been any of	nal supplies/equipment neede	d? If so, what items and use including volumes no tive or negative)?	when?			
re there any addition O lave there been any olo IO las client provided a Person:	nal supplies/equipment neede changes to the current sched ny operational feedback (posi	d? If so, what items and use including volumes no tive or negative)?	when?			

Date:	6/24/2012	2		Report	Number:		19
	, - , , - , , - , - , - , - , - , - ,				umber:		8
Client:	хто			****SI	nift Onsite Time:	5:00	am/pm
Location:	Nash 29			SI	ift Offsite Time:	1:30 PM	am/pm
Site Contact:	Bo Jackso					8	Total hrs.
Site Contact:	Paul Worle	Э		Present (Onsite Activities:	PROCES	S WATER
W Sales Service Control					To an investigation of the second		
Processing Hrs		hrs	Cumulativ			64	hrs
BBLS Processed		06 bbls	Cumulative				32 bbls
BBLS/Hr Proce	ssea: 4	75.75	Cumulative	BBLS/Hr Proce	essed:	377.8	bbl/hr
Lead Supervisor:	Paul Worle	ev	Readings:	flow back	Volts/Amps	pH 🖳	Turbidity
Lead Operator	Adam Polla		07:00		100	6.89	1.89
Crew	Ken Erler		09:00		100	7.03	1.45
	Ray Lee		11:00		100	7.09	1.76
	Eddy McGru	ıder	13:00		100	6.97	1.94
			N/A		N/A	N/A	N/A
-			N/A		N/A	N/A	N/A
-			Chemical	Usage	Start Inv.	End Inv.	On Orde
			HcL Acid	213	899	686	YES
_			Sodium Hydroxide	295	1,133	838	YES
Visitors:	BO JACKS	ON					
Visitors:		,					
Visitors:			L				
			10.00				
to the proof-ingowership of the same	e sweet	m, westerness were a live					
Vere there any abno IO	rmai operational is	ssues onsite	?				
.0							
Are there any additio	nal supplies/equip	ment neede	d? If so, what items and	when?			19,843
							<u> </u>
10							
···							
	DEL MANAGEMENT DE LA COMMUNE COMMUNE	THE STATE OF THE S	Landania di migrare 22. Allere di servicio di Sincia di			Y. 1. 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	
lave there been any	changes to the cu	ırrent schedu	ile, including volumes ne	eded by client	?		
	changes to the cu	irrent schedu	ile, including volumes ne	eded by client	?		(50)
lave there been any	changes to the cu	rrent schedu	ile, including volumes ne	eded by client		a Marian San Caraca	
lave there been any			ile, including volumes ne				
Have there been any NO Has client provided a Person:							
lave there been any NO Has client provided a			tive or negative)?				

Date:	6/25/2012	ſ	Renor	t Number:		20
Date.	0/23/2012			Number:		8
		ι	Section Country	(Validoti, 2222222)		
Client:	XTO]		hift Onsite Time:	6:00	am/pm
Location:	Nash 29			hift Offsite Time:	5:00 PM	am/pm
Site Contact:	Bo Jackson	İ			11	Total hrs.
Site Contact:	Paul Worley		Present	Onsite Activities:	PF	ROCESS WATER
Processing Hrs T	oday: 4 hrs	Cumulativ	e Processina	Hrs:		75 hrs
BBLS Processed T		Cumulative				25,632 bbis
BBLS/Hr Process			<u> </u>	essed:		341.8 bbl/hr
BBLG/III I 10003	<u>504.</u> ; 302.5	Cumulative	3DE3HILLIOC	,easeu.		341.0 DDI/III
Lead Supervisor:	Paul Worley	Readings:	flow back	Volts/Amps	pН	Turbidity
Lead Operator	Adam Pollard	07:00		100	6.97	1.67
Crew	Ken Erler	09:00		100	7.13	1.89
	Ray Lee	11:00	·	100	6.89	1.45
	Eddy McGruder	12:30		100	6.57	1.72
		N/A		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
			····			
<u> </u>		Chemical	Usage	Start Inv.	End Inv.	On Order
		HcL Acid	115	5,686	5,571	RECEIVED 5000 GALS
		Sodium Hydroxide	150	220	70	YES
Visitors:	BO JACKSON					
Visitors:						
Visitors:						
re there any abnor	mal operational issues onsite	9?				
)						
	al supplies/equipment needs	ed? If so, what Items and	when?			
1						
	hanges to the current sched	ule, including volumes ne	eded by clier	nt?		
)						
					· · · · · · · · · · · · · · · · · · ·	
s client provided ar	ny operational feedback (pos	itive or negative)?				
Person:		Company:			XT	0
A						
Additional Comm						
	ATION AT 6:00 AM. COMPLE					
	MENTS TO THE CAUSTIC AND ARE EXPECTING A LOAD					
ALLONS OF ACID AN	ND ARE EXPECTING A LOAD	OF CAUSTIC TOMORRON	v. EVERYTH	ING WENT VERY	WELL TODAY	

Date:	6/26	/2012		Report	Number:		21
	·				lumber:		8
Client:		то	!		hift Onsite Time:	6:00	am/pm
Location:		sh 29	r		hift Offsite Time:	5:00 PM	am/pm
Site Contact:		ackson			mit Onsite Time.	0	Total hrs.
Site Contact:		Worley		220 mm 1 1 2 mm 1 mm 1 mm 1 mm 1 mm 1 mm	Onsite Activities		SS WATER
MAINTENANO				55.2000			
Processing Hrs Too		0 hrs	Cumulativ	e Processing	Hrs:	75	hrs
BBLS Processed To	day:	1,450 bbls	Cumulative	BBLS Proces	ssed:	25,63	32 bbls
BBLS/Hr Processe	d:	#DIV/0!	Cumulative	BBLS/Hr Proc	essed:	341.8	bbl/hr
Lead Supervisor:	Paul	Worley	Readings:	flow back	Volts/Amps	pH 🥡	Turbidity
Lead Operator			. N/A		N/A	N/A	N/A
Crew			N/A		N/A	N/A	N/A
			N/A		N/A	N/A	N/A
		-	N/A		N/A	N/A	N/A
			N/A		N/A	N/A	N/A
			N/A		N/A	N/A	N/A
			Chemical	Usage	Start Inv.	End Inv.	On Order
			HcL Acid	0	5,686	5,686	CEIVED 5000 (
			Sodium Hydroxide	0	1,000	1,000	YES
Visitors:	BO JA	CKSON					
Visitors:							
Visitors:							
Were there any abnorma	al operatio	nal issues onsit	e?				
NO							
Are there any additional	supplies/	equipment need	ed? If so, what items and v	when?			100
NO							
	anges to t	ne current sched	lule, including volumes ne	eded by clien	17		
NO							_
Has client provided any	operation	al feedback (pos	The state of the s	California de la calcanación d		×	Den Gründrick i C Litario Stationaria
Person: N/A			Company:			хто	
Section of the Control of the Contro						. ,	
Additional Comme WE ARRIVED AT LOCAT		00 AM. COMPLE	TED AND REVIEWED ,PU	LLED SLUDGI	RECEIVED CA	USTIC AND D	RAINED ALI
			IN STORAGE TANKEVE				

Date:	6/27	/2012	F	Renort	Number:		22
<u> </u>	0,2,	72012			lumber:		8
			_				
Client:	X	ТО		S S	hift Onsite Time:	6:00	am/pm_
Location:	Nas	sh 29			hift Offsite Time:	5:00 PM	am/pm
Site Contact:		ackson		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		0	Total hrs.
Site Contact:	Paul	Worley	Į.	Present (Onsite Activities:	PROCES	SS WATER
Processing Hrs	Today	0 hrs	Cumulativ	e Procesina	Lira:	75	hrs
BBLS Processed		1.450 bbls	Cumulative				32 bbls
BBLS/Hr Proce		#DIV/0!			essed:		bbl/hr
DDC0// II 1// OCC	33cu.	#514701	(Manager Senting and Control	DD_COMM_1=10C	000,	341.0	00////
Lead Supervisor:	Paul	Worley	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator			· N/A		N/A	N/A	N/A
Crew			N/A		N/A	N/A	N/A
			N/A		N/A	N/A	N/A
			N/A		N/A	N/A	N/A
			N/A		N/A	N/A	N/A
			N/A		N/A	N/A	N/A
_			Berning assign to the Contract of the Contract	Burney green and 1 day	Bassa 200	Isomogene, a sough	Letter Charge Car, and
-			Chemical	Usage	Start Inv.		
L			HcL Acid	0	5,686	5,686	CEIVED 5000
Visitors:	DO 14	CKSON	Sodium Hydroxide	0	1,000	1,000	YES
Visitors:	BO JA	CKSUN					
Visitors:							
visitois.					<u> </u>	<u> </u>	<u> </u>
Vere there any abno	rmal operatio	nal issues onsite	?				
re there any addition	nal supplies/	equipment neede	d? If so, what items and v	vhen?			
lave there been any IO	changes to t	he current sched	ule, including volumes ne	eded by client	17		
las client provided a Rerson:	ny operation	al feedback (posi	itive or negative)? Company:			XTO	

Date:	6/28/2012		ſ	Report Number:			23
		,			lumber:	8	
			-				
Client:		ТО			hift Onsite Time:	N/A	am/pm
Location:		sh 29			hift Offsite Time:	N/A	am/pm
Site Contact:		ackson				0	Total hrs.
Site Contact:		Worley	ľ	Present	Onsite Activities	PROCES	SS WATER
STAND B	<u>Y</u>						
Processing Hrs Today: 0 hrs			e Processing		75 hrs		
BBLS Processed Today: 1,450 bbls			Cumulative				32 bbls
BBLS/Hr Prod	essed:	#DIV/0!	Cumulative I	3BLS/Hr Proc	essed:	341.8	bbl/hr
Lead Supervisor:	Paul	Worley	Readings:	flow back	▼Volts/Amps	рН	Turbidity
Lead Operator			/ N/A		N/A	N/A	N/A
Crew			N/A		N/A	N/A	N/A
			N/A		N/A	N/A	N/A
			N/A		N/A	N/A	N/A
			N/A		N/A	N/A	N/A
-			N/A		N/A	N/A	N/A_
	·		Chemical	Usage	Start Inv.	End Inv.	On Orde
			HcL Acid	0	5,686	5,686	CEIVED 5000
			Sodium Hydroxide	0	1,000	1,000	YES
Visitors:	BO JA	CKSON					
Visitors: ▼							
Visitors:					<u> </u>	l	
:					· · · · · · · · · · · · · · · · · · ·		
Vere there any abn	ormal operation	nal issues onsite	e?		to 6 V		######################################
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				shan2	Á.II		ALST CALLS CALLS OF
	ional supplies	equipment needs	ed? If so, what items and v	vhen?			
	ional supplies	equipment neede	ed? If so, what items and v	when?	puil.		
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love there been an IO las client próvided	y changes to t	he current sched	ule, including volumes ne	eded by clien			
lave there been and look lass client provided Rerson.	y changes to t	he current sched	ule, including volumes ne	eded by clien			
lave there been an IO las client próvided	y changes to t	he current sched	ule, including volumes ne	eded by clien			

Date:	6/29/2012		Report	Number:		24	
				Number:	8		
		•					
Client:	XTO			hift Onsite Time:	N/A	am/pm	
Location:	Nash 29			hift Offsite Time:	N/A	am/pm	
Site Contact:	Bo Jackson				0	Total hrs.	
Site Contact:	Paul Worley		Present	Onsite Activities	PROCES	5 WATER	
STAND BY Processing Hrs Today	y: 0 hrs	Cumulativ	a Processina	Hre:	75	hrs	
BBLS Processed Toda					25,632 bbls		
BBLS/Hr Processed:		Cumulative				bbl/hr	
Lead Supervisor:	Paul Worley	Readings:	flow back	Volts/Amps	рН	Turbidity	
Lead Operator		N/A	7	N/A	N/A	N/A	
Crew		N/A		N/A	N/A	N/A	
		N/A		N/A	N/A	N/A	
) N/A		N/A	N/A	N/A	
		N/A **		N/A	N/A	N/A_	
		N/A		N/A	N/A	N/A	
		Chemical	Usage	Start Inv.	End Inv.	On Orde	
		HcL Acid	0	5,686	5,686	CEIVED 5000	
		Sodium Hydroxide	0	1,000	1,000	YES	
Visitors:	BO JACKSON			-	<u> </u>		
Visitors:				 			
/ere there any abnormal o	operational issues onsite	e?			Kanada		
	upplies/equipment neede	ed? If so, what items and	when?				
0							
0		ed? If so, what items and o					
O ave there been any chan O as client provided any o	ges to the current sched	dule, including volumes ne	eded by clien	17			
O ave there been any chan O	ges to the current sched	dule, including volumes ne	eded by clien	17	SUPER STREET		

Date:	6/30	0/2012		I Panon	MILIMPART		25
				Report Number: Unit Number:			
				Unit	Number:		8
Client:	×	TO			hift Onsite Time:	N/A	am/pm
Location:	Na	sh 29		S	hift Offsite Time:	N/A	am/pm
Site Contact:	Bo J	ackson				0	Total hrs.
Site Contact:	Paul	Worley		Present	Onsite Activities:	PROCE	SS WATER
STAND BY							
Processing Hrs Today: 0 hrs			Cumulative Processing Hrs:			hrs	
BBLS Processed Today: 0 bbls				ssed:	25,632 bbls		
BBLS/Hr Proces	sed:	#DIV/0!	Cumulative	BBLS/Hr Proc	essed:	341.8	bbl/hr
Lead Supervisor:	Paul	Worley	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator			⁽ N/A		N/A	N/A	N/A
Crew			N/A		N/A	N/A	N/A
			N/A		N/A	N/A	N/A
			···N/A		N/A	N/A	N/A
L			N/A		N/A	N/A	N/A
<u> </u>			N/A		N/A	N/A	N/A
			Chemical	Usage	Start Inv.	End Inv.	On Order
			HcL Acid	120	5,686	5,566	CEIVED 5000 G
_			Sodium Hydroxide	100	1,000	900	YES
Visitors:	BO JA	ACKSON					
Visitors:					ļ <u></u>		
Visitors:							<u> </u>
-							
Nere there any abnor	nal operatio	onal issues onsit	e?				
NO	папородан	J. Tarrio Gaco Gallone	*.*	2.000		541,2711111999999	
_ nanggaranawan ngalan gagaranan	Red • perscheddhed mer (• eddar) ;	, a man, mannar a gamanani j					
Are there any addition	ai supplies	requipment need	ed? If so, what items and	wnen?			
10							
Have there been any c	hanges to t	he current sched	lule, including volumes n	eeded by clien	t?		
NO							
Has client provided ar	y operation	nal feedback (pos	itive or negative)?				
Person:			Company:			XTO	
N/A							

Date: 7/1/2012				Report Number: Unit Number:			26
			8				
Client:	Y.	то		* '* ' CI	hift Onsite Time:	3:00	am/pm
Location:		sh 29			nift Offsite Time:	9:30 PM	am/pm
Site Contact:		ackson			ly	6	Total hrs.
Site Contact:		Worley		130 A - 1 - 1 - 2 - 3 - 111 X 2 4 31333000	Onsite Activities		SS WATER
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		swime days to the second		11.502	0011111211
Processing Hrs Today: 6 hrs			Cumulativ	Cumulative Processing Hrs			hrs
BBLS Processed Today: 1,650 bbls			Cumulative			81 hrs 28,932 bbls	
BBLS/Hr Proce		275	Cumulative			<u>-</u>	2 bbl/hr
Lead Supervisor:	Paul '	Worley	Readings:	flow back	Volts/Amps	pH	Turbidity
Lead Operator		LEE	0500	7. "111	100	6.67	0.87
Crew	EDDIE M	CGRUBER	0700		100	6.73	0.98
			0900		100	6.91	1.03
Γ			N/A		N/A	N/A	N/A
Γ			N/A		N/A	N/A	N/A
			N/A		N/A	N/A	N/A
<u> </u>					Sun	1000ff - 4. 221 May 17	To a visit of the control of the control
<u> </u>			Chemical	Usage	Start Inv.	End Inv.	On Order
L			Hcl Acid	120	5,686	5,566	CEIVED 5000
activation and activation activation and activation activation and activation activation activation and activation activati			Sodium Hydroxide	100	1,000	900	YES
Visitors:							
Visitors:							
Visitors:							J
О			e?				
re there any additio	nal supplies/	equipment need	ed? If so, what items and	when?			
lave there been any.	changes to ti	ne current sched	dule, including volumes ne	eded by client	?		100 K 17 K 18 K 18 K 18 K 18 K 18 K 18 K 18
las client provided a	ny operation	al feedback (pos	sitive or negative)?				
Person:			Company:			хто	Friedrich and Company of the Company
I/A	-		· · · · · · · · · · · · · · · · · · ·		•	-	
Additional Com	nents						

	7/2/2012	7	Ponor	t Number:		27
Date:	7/2/2012			Number:	· · · · · · · · · · · · · · · · · · ·	8
Client:	OTX			hift Onsite Time:	N/A	am/pm
Location:	Nash 29	£		hift Offsite Time:	N/A	am/pm
Site Contact:	Bo Jackson	3	or occurrence		0	Total hrs
Site Contact:	Paul Worley		Present	Onsite Activities	PROCES	SS WATER
STAND BY		_				
Processing Hrs To	110 - 10	Cumulative	Processing	Hrs:	75	hrs
BBLS Processed To	oday: 0 bbls	₹ € Cumulative	BBLS Proce	ssed:	25,63	32 bbls
BBLS/Hr Processe	ed: #DIV/0!	Cumulative B	BLS/Hr Proc	essed:	341.8	bbl/hr
Lead Supervisor:	Paul Worley	Readings:	flow back	Volts/Amps	рн 🔧	Turbidity
Lead Operator	• 	. N/A		N/A	N/A	N/A
Crew		*** ** N/A		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
		Chemical	Usage	Start Inv.	End Inv.	On Orde
		HcL Acid	0	5,556	5,556	
		Sodium Hydroxide	0	900	900	
Visitors:	BO JACKSON					
Visitors:						<u> </u>
Visitors:						ļ <u>.</u>

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	al operational issues ons	ité?		78F H		
	al operational issues ons	ite?				
	al operational issues ons	ite?		10 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		
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Are there any additiona NO Have there been any ch	I supplies/equipment need	ded? If so, what items and w	hen?)t?		
Are there any additiona NO Have there been any ch	I supplies/equipment need	ded? If so, what items and we edule, including volumes need	hen?	11?		
Are there any additiona NO Have there been any ch NO Has client provided any	I supplies/equipment need	ded? If so, what items and we edule, including volumes need	hen?	11?		
we there any additiona IO Have there been any ch IO Has client provided any Person:	I supplies/equipment need	ded? If so, what items and we edule, including volumes need	hen?	11?		

Date:	7/3/	2012	3	Report	Number:		28
	,,,,,	2012	**************************************		lumber:		8
Client:	X.	то	8872	. SI	hift Onsite Time:	N/A	am/pm
Location:	Nas	sh 29			nift Offsite Time:	N/A	am/pm
Site Contact:		ackson				0	Total hrs
Site Contact:	Paul	Worley	93.7 48.	Present (Onsite Activities	PROCES	SS WATER_
STAND BY							
Processing Hrs 1		0 hrs			Hrs:	75	hrs
BBLS Processed		0 bbls	- 11 - 11111111111111111111111111111111		ssed:		32 bbls
BBLS/Hr Proces	sed:	#DIV/0!	Cumulative B	BLS/Hr Proce	essed:	341.8	bbl/hr
Lead Supervisor:	Paul '	Worley	Readings:	flow back	Volts/Amps	pH	Turbidity
Lead Operator			. N/A ·		N/A	N/A	N/A
Crew			N/A		N/A	N/A	N/A
			N/A		N/A	N/A	N/A
			N/A		N/A	N/A	N/A
<u> </u>			N/A N/A		N/A	N/A	N/A
-			N/A N/A		N/A	N/A	N/A
			Chemical	Usage 🐃	Start Inv.	End Inv.	On Orde
			HcL Acid	0	5,566	5,566	
			Sodium Hydroxide	0	900	900	
Visitors:	BO JA	CKSON					
Visitors:							ļ
Visitors:			L				I
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Varo thoro any ahnor	mal oneratio	nal issues oneit	e?				
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IO	al supplies/	equipment need	ed? If so, what items and w	hen?		bo de la companya de la companya de la companya de la companya de la companya de la companya de la companya de	
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are there any addition			ed? If so, what items and w				
iO are there any addition							
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are there any addition IO Have there been any o	hanges to t	ne current sched	dule, including volumes nee	ded by client	?		
are there any addition IO Have there been any o	hanges to t	ne current sched		ded by client	?		
are there any addition IO lave there been any IO last client provided a	hanges to t	ne current sched	dule, including volumes nee	ded by client	?		
re there any addition O ave there been any O as client provided a Person:	hanges to t	ne current sched	dule, including volumes nee	ded by client	?		

Client: XTO Location: Nash 29 Shift Contact: Bo Jackson Site Contact: Paul Worley Present Onsite Activities Processing Hrs.Today: 0 hrs BBLS/Hr Processed: 75,632 bols BBLS/Hr Processed: #DIV/01 Lead Supervisor: Paul Worley Lead Operator Lead Operator N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A		7/4/2012	\neg	Renor	t Number:		29
Site Contact: Bo Jackson Site Contact: Bo Jackson Site Contact: Bo Jackson Site Contact: Bo Jackson Site Contact: Paul Worley Processing Hrs Today: 0 hrs BBLS Processed Today: 0 bbls BBLS Processed: 25,632 bbls BBLSHr Processed: 25,632 bbls BBLSHr Processed: 341.8 bbl/hr Lead Supervisor: Paul Worley Lead Operator N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A		7/4/2012					
Site Contact: Bo Jackson Site Contact: Bo Jackson Site Contact: Bo Jackson Site Contact: Bo Jackson Site Contact: Paul Worley Processing Hrs Today: 0 hrs BBLS Processed Today: 0 bbls BBLS Processed: 25,632 bbls BBLSHr Processed: 25,632 bbls BBLSHr Processed: 341.8 bbl/hr Lead Supervisor: Paul Worley Lead Operator N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A						· · · · ·	
Site Contact: Bo Jackson Site Contact: Bo Jackson Site Contact: Bo Jackson Site Contact: Bo Jackson Site Contact: Paul Worley Processing Hrs Today: 0 hrs BBLS Processed Today: 0 bbls BBLS Processed: 25,632 bbls BBLSHr Processed: 25,632 bbls BBLSHr Processed: 341.8 bbl/hr Lead Supervisor: Paul Worley Lead Operator N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Client:	XTO	\neg		Shift Onsite Time:	N/A	am/pm
STAND BY Processing Hris Today: 0 hrs BBLS Processed: 75 hrs Cumulative BBLS Processed: 25,632 bbls BBLS Processed: #DIV/01 Lead Supervisor: Paul Worley Lead Operator L	Location:	Nash 29			Shift Offsite Time:	N/A	am/pm
Processing Hrs.Today: 0 hrs BBLS Processed: 25,532 bbls BBLS/Hr Processed: 25,532 bbls BBLS/Hr Processed: 45,532 bbls BBLS/Hr Processed: 45,532 bbls BBLS/Hr Processed: 52,532 bbls Cumulative BBLS/Hr Processed: 52,532 bbls Cumulative BBLS/Hr Processed: 52,532 bbls Cumulative BBLS/Hr Processed: 52,532 bbls Cumulative BBLS/Hr Processed: 741.8 bbl/hr Lead,Operator: N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	***************************************	Bo Jackson				0	Total hrs.
Processing Hrs Today: 0 hrs BBLS Processed Today: 0 bbls BBLS Processed Today: 0 bbls BBLS/Hr Processed: 25,632 bbls Cumulative BBLS/Hr Processed: 25,632 bbls Cumulative BBLS/Hr Processed: 341.8 bbl/hr Lead Supervisor: Paul Worley Lead Operator Lead Operator N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Site Contact:	Paul Worley		Present	Onsite Activities	PROCE	SS WATER
BBLS/Hr. Processed: 25,632 bbls BBLS/Hr. Processed: #DIV/0! Lead Supervisor: Paul Worley Lead Operator N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	STAND BY						
BBLS/Hr Processed: #DIV/01 Cumulative BBLS/Hr Processed: 341.8 bbl/hr	Processing Hrs To	day: 0 hrs	Cumulativ	e Processing	Hrs:	75	hrs
ReadIngs: Flow back Volts/Amps pH Turbidit							
N/A N/A	BBLS/Hr Process	ed: #DIV/0!	Cumulative	BBLS/Hr Prod	cessed:	341.8	bbl/hr
N/A N/A	Lead Supervisor:	Paul Worley	Readings:	flow back	Volts/Amps	рH	Turbidity
N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	100100-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-	,					
N/A N/A	&Crew		N/A		N/A	N/A	N/A_
N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A			N/A		N/A	N/A	N/A
N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A			N/A		N/A	N/A	N/A
Chemical Usage Start Inv. End Inv. On Orde Hct Acid 0 5,566 5,566 Sodium Hydroxide 0 900 900 Visitors: Visitors: Visitors: Visitors: Were there any abnormal operational issues onsite? Were there any additional supplies/equipment needed? If so, what items and when? Were there been any changes to the current schedule, including volumes needed by client? NO Have there been any operational feedback (positive or negative)? Person: Company: XTO			N/A		N/A		
Hct. Acid	<u> </u>		N/A	1	N/A	N/A	N/A
Hct. Acid			Chemical	lisage	Start Inv I	Fnd Inv	On Order
Visitors: BO JACKSON				1	· · · · · · · · · · · · · · · · · · ·		
Visitors: Were there any abnormal operational issues onsite? Were there any additional supplies/equipment needed? If so, what items and when? We there been any changes to the current schedule, including volumes needed by client? We have there been any changes to the current schedule, including volumes needed by client? We have there been any operational feedback (positive or negative)? Person: Company: XTO				<u> </u>			
Were there any abnormal operational issues onsite? Were there any additional supplies/equipment needed? If so, what items and when? We there any additional supplies/equipment needed? If so, what items and when? We there been any changes to the current schedule, including volumes needed by client? We have there been any changes to the current schedule, including volumes needed by client? We have there been any operational feedback (positive or negative)? **Rerson:** **Rerson:** **Company:** **XTO** **X	Visitors:	BO JACKSON					
Mere there any abnormal operational issues onsite? We there any additional supplies/equipment needed? If so, what items and when? Have there been any changes to the current schedule, including volumes needed by client? Ho has client provided any operational feedback (positive or negative)? Person: Company: XTO	Visitors:						
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Are there any additional supplies/equipment needed? If so, what items and when? NO Have there been any changes to the current schedule, including volumes needed by client? NO Has client provided any operational feedback (positive or negative)? Person: Company: XTO							
Are there any additional supplies/equipment needed? If so, what items and when? NO Have there been any changes to the current schedule, including volumes needed by client? NO Has client provided any operational feedback (positive or negative)? Person: Company: XTO							
Are there any additional supplies/equipment needed? If so, what items and when? Have there been any changes to the current schedule, including volumes needed by client? NO Has client provided any operational feedback (positive or negative)? Person: Company: XTO							
Have there been any changes to the current schedule, including volumes needed by client? Has client provided any operational feedback (positive or negative)? Person: Company: XTO		nal operational issues on	isite?				
Have there been any changes to the current schedule, including volumes needed by client? Has client provided any operational feedback (positive or negative)? Person: Company: XTO		al operational issues on	site?				
Have there been any changes to the current schedule, including volumes needed by client? Has client provided any operational feedback (positive or negative)? Person: Company: XTO		ial operational issues on	site?				
Have there been any changes to the current schedule, including volumes needed by client? NO Has client provided any operational feedback (positive or negative)? Person: Company: XTO		ial operational issues on	site?				
Have there been any changes to the current schedule, including volumes needed by client? Has client provided any operational feedback (positive or negative)? Person: Company: XTO	NO						
Has client provided any operational feedback (positive or negative)? Person: Company: XTO	NO Are there any additiona						
Has client provided any operational feedback (positive or negative)? Person: Company: XTO	NO						
Has client provided any operational feedback (positive or negative)? Person: Company: XTO	NO Are there any additiona						
Has client provided any operational feedback (positive or negative)? Person: Company: XTO VA	NO Are there any additiona NO	il supplies/equipment ne	eded? If so, what items and	when?			
Person: XTO X/A	are there any additiona NO Have there been any ch	il supplies/equipment ne	eded? If so, what items and	when?			
Person: XTO N/A XTO	NO Are there any additiona NO Have there been any ch	il supplies/equipment ne	eded? If so, what items and	when?			
V/A	are there any additiona NO Have there been any ch	il supplies/equipment ne	eded? If so, what items and	when?			
	Are there any additiona NO Have there been any ch	Il supplies/equipment ne nanges to the current sci	eded? If so, what items and hedule, including volumes in positive or negative)?	when?	117		
Additional Comments	are there any additiona NO Have there been any ch NO Has client provided any	Il supplies/equipment ne nanges to the current sci	eded? If so, what items and hedule, including volumes in positive or negative)?	when?	nt?		
SACRE ACTIVITY OF THE ACTIVITY	re there any additional IO lave there been any chilo las client provided any Person:	Il supplies/equipment ne nanges to the current sci	eded? If so, what items and hedule, including volumes in positive or negative)?	when?	nt?		

Date: 7/	5/2012	Г	A Panar	Number:		30
Date. 7/	3/2012			lumber:		8
Client:	хто	ſ	Ş	hift Onsite Time:	N/A	am/pm
Saggosman (gr. paragret) ve majer.	ash 29		, , , , , , , , , , , , , , , , , , ,	hift Offsite Time:	N/A	am/pm
10.000.000	Jackson			3 C 3 B 10 C 4 B 1 C 1 '	0	Total hrs
Site Contact: Pau	ıl Worley		Present	Onsite Activities:	PROCES	S WATER
STAND BY						
Processing Hrs Today:	0 hrs	Cumulativ	e Processing	Hrs:	75	hrs
BBLS Processed Today:	0 bbls	Cumulative			25,63	2 bbls
BBLS/Hr Processed:	#DIV/0!	Cumulative l	BLS/Hr Proc	essed:	341.8	bbl/hr
Lead Supervisor: Pau	ul Worley	Readings:	flow back	Volts/Amps	nH*	Turbidity
Lead Operator	,	N/A	30%V,11,144.V(1989)	N/A	N/A	N/A
Crew		N/A		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
			Chapter of the Second Second			Is a source
		Chemical HcL Acid	Usage 0	Start Inv. 5,566	End Inv. 🙈 5,566	On Orde
		Sodium Hydroxide	0	900	900	
Visitors: BO	JACKSON	Socialit Hydroxide		300		
Visitors:						-
Visitors:						
				41 11		
	tional issues onsite	2				
	tional issues onsite	?	9.7 0 00 (1)			\$42.4 <u></u>
	tional issues onsite	?			154	70 a. 55 a.
Vere there any abnormal operation	tional issues onsite	27				
10						42-7-1-5-1
NO Are there any additional supplie						
10						
NO Are there any additional supplie						
NO Ne there any additional supplie NO	s/equipment neede	ed? If so, what items and v	vhen?		North to the second to the sec	
NO Are there any additional supplie	s/equipment neede	ed? If so, what items and v	vhen?		North to the second to the sec	
NO Are there any additional supplie NO Have there been any changes to	s/equipment neede	ed? If so, what items and v	vhen?		North to the second to the sec	
NO Are there any additional supplie NO Have there been any changes to	s/equipment neede	ed? If so, what items and v	vhen?		North to the second to the sec	
NO Are there any additional supplie NO Have there been any changes to	s/equipment needs	ed? If so, what items and vule, including volumes ne	vhen? eded by clien	Y	North to the second to the sec	
Are there any additional supplies NO Have there been any changes to	s/equipment needs	ed? If so, what items and v	vhen? eded by clien	Y	North to the second to the sec	
Are there any additional supplies NO Have there been any changes to NO Has client provided any operation	s/equipment needs	ed? If so, what items and vule, including volumes ne	vhen? eded by clien	Y		
we there any additional supplies In the supplies of the suppl	s/equipment needs	ed? If so, what items and vule, including volumes ne	vhen? eded by clien	Y		

Datail	7/6/2012	\neg	SESSESSE PROPER	(101/102		0.4
Date:	7/6/2012			Number: lumber:		31 8
			Omen	aumoer.		0
Client:	XTO	\neg	ς.	hift Onsite Time:	N/A	am/pm
Location:	Nash 29			hift Offsite Time:	N/A	am/pm
Site Contact:	Bo Jackson			Company of	0	Total hrs
Site Contact:	Paul Worley			Onsite Activities	PROCES	S WATER
STAND BY						
Processing Hrs Today	/: 0 hrs	Cumulati	ve Processing	Hrs:	75	hrs
BBLS Processed Toda	y: 0 bbls	Cumulativ	e BBLS Proce	ssed:	25,63	32 bbls
BBLS/Hr Processed:	#DIV/0!	* Cumulative	BBLS/Hr Proc	essed:	341.8	bbl/hr
Lead Supervisor:	Paul Worley	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator		N/A		N/A	N/A	N/A
Crew 🀔 🖫		N/A	1	N/A	N/A	N/A
		N/A		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
		 Chemical	↓ Usage 🤲	Start Inv.	End Inv.	On Orde
		HcL Acid	0	5,566	5,566	-sscomorae
• • • • • • • • • • • • • • • • • • •		Sodium Hydroxide	0	900	900	
Visitors:	BO JACKSON					
Visitors:						
Visitors:						<u> </u>
	Commence of the contract of th	3462				
VA 41.		isiter			<u> </u>	
	perational issues on					
	operational issues on					
	operational issues on					
Vere there any abnormal o	perational issues on					
10		eded? If so, what items and	when?		a. Essa	
10		eded? If so, what items and	when?		a Dien	
IO ve there any additional su		eded? If so, what items and	when?		The distance of the second	
IO ve there any additional su		eded? If so, what items and	when?			
ve there any additional su	ipplies/equipment ne	eded? If so, what items and hedule, including volumes n				
ve there any additional su	ipplies/equipment ne					
ve there any additional suitO	ipplies/equipment ne					
are there any additional su IO lave there been any chang IO	ipplies/equipment ne ges to the current sch	nedule, including volumes n	eeded by clien			
tre there any additional su IO Have there been any chang IO	ipplies/equipment ne ges to the current sch	nedule, including volumes n positive or negative)?	eeded by clien			
we there any additional succession of the second of the se	ipplies/equipment ne ges to the current sch	nedule, including volumes n	eeded by clien			
tre there any additional su IO Have there been any chang IO	ipplies/equipment ne ges to the current sch	nedule, including volumes n positive or negative)?	eeded by clien			
re there any additional su O ave there been any chang O as client provided any op	ipplies/equipment ne ges to the current sch perational feedback (p	nedule, including volumes n positive or negative)?	eeded by clien			

Date:	7/7/	/2012		Repor	Number:		32
				Unit	Number:		8
				tose spossoci i secunidare	c.esc.manu tribuuninkauusmaasa		, , ,
Client:		TO			hift Onsite Time:	N/A	am/pm
Location:		sh 29			hift Offsite Time:	N/A	am/pm
Site Contact:		ackson Worley			Onsite Activities:	0 PROCES	Total hrs
STAND BY		vvoney		Nac riesein	Onsite Activities.	PROOL	33 WAILK
Processing Hrs 1		0 hrs	Cumulativ	a Processina	Hre:	75	hrs
BBLS Processed		0 bbls	Cumulative				12 bbls
BBLS/Hr Proces		#DIV/0!			essed:		bbl/hr
				iant ,	1.1.1		
Lead Supervisor:	Paul	Worley	Readings:	flow back	Volts/Amps	pH ∴	Turbidity
Lead Operator			N/A		N/A	N/A	N/A
Crew			* N/A		N/A	N/A	N/A
<u> </u>			N/A		N/A	N/A	N/A
<u> </u> _			N/A		N/A	N/A	N/A
<u> </u>			N/A		N/A	N/A	N/A
\vdash		-	N/A		N/A	N/A	N/A
			Chemical	Usage	Start Inv.	End Inv.	On Orde
			HcL Acid	0	5,566	5,566	
			Sodium Hydroxide	0	900	900	
Visitors:	BO JA	CKSON					
Visitors: Visitors:						1	
VISILUIS.				<u> </u>	<u> </u>		<u> </u>

		nal legues oneit	62		42.000		
Were there any abnor	mal operatio	/// CONCO CITORIC		Control of the contro			
	mal operation	mar 100des Onoit	<u>- I</u>				200000000000000000000000000000000000000
	mal operatio	<u> </u>					200
	mal operatio	///dr./333053.01310					300000000000000000000000000000000000000
NO						and house with Charter and Table 1971 (1986)	
NO Are there any addition			ed? If so, what Items and				
NO Are there any addition							
Were there any abnor NO Are there any addition							
NO Are there any addition	nal supplies/	equipment need	ed? If so, what Items and	when?			
NO Are there any addition NO Have there been any	nal supplies/	equipment need		when?			
NO Are there any addition NO Have there been any	nal supplies/	equipment need	ed? If so, what Items and	when?			
NO Are there any addition NO Have there been any	nal supplies/	equipment need	ed? If so, what Items and	when?			
Are there any addition NO Have there been any NO Has client provided a	nal supplies/ changes to t	equipment needs	ed? If so, what Items and	when?	17		
Are there any addition NO Have there been any NO Has client provided a Person:	nal supplies/ changes to t	equipment needs	ed? If so, what Items and I	when?	17		
Are there any addition NO Have there been any o	nal supplies/ changes to t	equipment needs	ed? If so, what items and lule, including volumes no	when? eded by clien	17		
Are there any addition NO Have there been any NO Has client provided a	nal supplies/ changes to ti ny operation	equipment needs	ed? If so, what items and lule, including volumes no	when? eded by clien	17		

Date:	7/9/2012	Γ	Danad	Number:	<u>. </u>	33
Date:	7/8/2012			Number: lumber:		8
		ι				
Client:	хто			hift Onsite Time:	N/A	am/pm
Location:	Nash 29			hift Offsite Time:	N/A	am/pm
Site Contact:	Bo Jackson		School (1977)	(1) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	0	Total hrs.
Site Contact:	Paul Worley	l	Present	Onsite Activities	PROCES	SS WATER
STAND B'		de sage my more and a company of	mikanakarundannan vanna (75	- hwa
Processing Hr				Hrs:	75	hrs
BBLS Processe BBLS/Hr Proc			BBLS Proces	ssea: essed:		32 bbls bbl/hr
BBLS/HF.Proc	essed: #DIV/01	Cumulative	3013/FIF F F0C	esseu.	341.8	DOI/III
Lead Supervisor:	Paul Worley	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator		N/A		N/A	N/A	N/A
Crew		N/A		N/A	N/A_	N/A_
		N/A ***		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
1	-	N/A		N/A	N/A	N/A
		Chemical	Usage	Start Inv.	End Inv.	On Orde
		HcL Acid	0	5,566	5,566	
•		Sodium Hydroxide	0	900	900	
Visitors:	BO JACKSON					
Visitors:						
Visitors:						L
2007.0 220000000000000000000000000000000	ormal operational issues onsite					
werestneresanysaon VO	ormai operational issues onsit	e r				ATTLE ATTEMPT OF
••						
	onal supplies/equipment need	ed? If so, what items and v	vhen?			
NO 	v.changes to the current sched	dule: Includina volumes ne	eded by clien	t?		
NO Have there been an	y changes to the current sched	dule, including volumes ne	eded by clien	t?		
NO Have there been an	y changes to the current sched	dule, including volumes ne	eded by clien	17		
NO Have there been an NO						
NO Have there been an NO Has client provided	y changes to the current sched	sitive or negative)?				
Have there been an NO Has client provided Person:						
NO Have there been an NO Has client provided		sitive or negative)?				

Date:	7/9/2012		Report	Number:		34
				Number:		8
Client:	хто		S	hift Onsite Time:	6:00	am/pm
Location:	Nash 29			hift Offsite Time:	6:00 PM	am/pm
Site Contact:	Bo Jackson				4	Total hrs.
Site Contact:	Paul Worley		Present	Onsite Activities	PROCES	S WATER
Processing Hrs T	oday: 4 hrs	Cumulativ	e Processina	Hre:	. 85	hrs
BBLS Processed			BBLS Proce			5 bbls
BBLS/Hr Proces		Cumulative				bbl/hr
	3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.	Williamson Samulative:	BBC0//11/21/21/00	coocu,		DDIIII
Lead Supervisor:	Paul Worley	Readings:	flow back	Võlts/Amps	pH*	Turbidity
Lead Operator	ADAM POLLARD	0200		100	6.35	1.16
Crew	REGGIE WHITE	0400		100	6.65	0.57
	CHRIS ONEAL	0500		100	6.9	0.78
		N/A		N/A	N/A	N/A
	, , , , , , , , , , , , , , , , , , , ,	N/A		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
		Chemical	Usage	Start Inv.	End Inv.	On Order
		HcL Acid	150	5,566	5,416	
		Sodium Hydroxide	130	900	770	YES
Visitors:	BO JACKSON					
Visitors:	BO WELLS					
Visitors:					,	
	mal operational issues onsite	57.64 (III.)				
NO						
The state of the s	The service of the service with the service of the		that Tudens of _ New words to the two		brond the or head on the head of the head	normone chi dile chara e Santilia bassadh
Are there any₃addition NO	ial supplies/equipment neede	ed? If so, what items and	when?	755	E PROPERTY.	
10						
Have there been any c	hanges to the current sched	ule including volumes ne	eded by clien	12		
NO	nongeo, to an experience	ale, including volumes in	cucu by chem	NETTER SESSENGEN SHIPS AND	\$4000000000000000000000000000000000000	eg
	186424	itive or negative)?		T.		
	ny operational feedback (pos					
Person:	ny operational feedback (pos	Company:			XTO	
Person:	ny∕operational∖feedback (pos	Company:			хто	
Person:		Company:			хто	
N/A Additional Comm				WITH SOME VA		E WERE ON
Person: N/A Additional Comm ARRIVED ON LOCATION OUR WAY UP FROM H	nents ON AT 6:00 AM REVEIWED JS KILGORE TRIED TO FIX OVER	SA EMPLOYEES HAD SOR R THE PHONE AND COUL	OME TROUBLE D NOT EMP	LOYEES WERE I	LVES AND W NSTRUCTED	TO WAIT
Person: N/A Additional Comm ARRIVED ON LOCATION OUR WAY UP FROM P UNTIL WE ARRIVED.	nents ON AT 6:00 AM REVEIWED JS KILGORE TRIED TO FIX OVER WE GOT VALVE PROBLEMS	SA EMPLOYEES HAD SO R THE PHONE AND COUL FIXED AND STARTED PR	OME TROUBLE D NOT EMP OCESSING AF	LOYEES WERE I ROUND 1:30 PM I	LVES AND W NSTRUCTED AFTER PROBI	TO WAIT LEM WITH
Person: Additional Comm ARRIVED ON LOCATIONE WAY UP FROM HUNTIL WE ARRIVED. VALVES EVERYTHING	nents ON AT 6:00 AM REVEIWED JS KILGORE TRIED TO FIX OVER	SA EMPLOYEES HAD SO R THE PHONE AND COUL FIXED AND STARTED PR E MINOR ADJUSTMENTS	OME TROUBLE D NOT EMP OCESSING AR TO CHEMICA	LOYEES WERE I ROUND 1:30 PM I LS THERE IS A	LVES AND W NSTRUCTED AFTER PROBI LITTLE OVER	TO WAIT LEM WITH 11,000 BBLS

			· · · · · · · · · · · · · · · · · · ·			
Date:	7/10/2012	ſ	Donor	Number:		 35
Date.	7/10/2012			Number: Number:		8
Client:	хто	Γ	· ·	hift Onsite Time:	6:00	am/pm
Location:	Nash 29			hift Offsite Time:	6:00 PM	am/pm
Site Contact:	Bo Jackson				8	Total hrs.
Site Contact:	Paul Worley	ļ		Onsite Activities:		S WATER
Processing Hrs To	0 h-c		OS MINISTER OF THE STREET	.		
BBLS Processed T		Cumulativ Cumulative			93	hrs 68 bbls
BBLS Processed 1						bbl/hr
BBL3/III FIOCESS	sed: 3, 420.379	Cumulative	BBL9/Hr Proc	essed:	364.2	ODI/NT
Lead Supervisor:	Paul Worley	Readings:	flow back	Volts/Amps	Hq	Turbidity
Lead Operator	ADAM POLLARD	800		100	7.1	1.34
Crew	REGGIE WHITE	1000		100	6.89	1.22
	CHRIS ONEAL	1200		100	6.65	0.98
		1400		100	6.65	1.35
		0:00		N/A	N/A	N/A
<u> </u>		0:00		N/A	N/A	N/A
		Chemical	Usage	Start Inv.	End Inv.	On Order
		HcL Acid	200	5,416	5,216	
		Sodium Hydroxide	185	770	585	YES
Visitors:						
Visitors:	BO WELLS		-,,	<u></u>		_
Visitors:				<u> </u>	<u> </u>	<u>L</u>
						<u></u>
Were there any abnorm	nal operational issues onsite	9?	Marie e			Henright.
Are there any additiona NO	al supplies/equipment neede	ed? If so, what items and v	vhen?		Alexandria	
Have there been any c NO	hanges to the current sched	ule, including volumes ne	eded by clien	17	N personal	irolino vytkopiny (1808)
Has client provided an	y operational feedback (pos	ltive:or.negative)?	Markey and			
Person:		Company:			OTX	
N/A						
Additional Comm		CA CTARTER PROGESS:	10 MATER 11	T 7:00 AA: 5" / 5"	NOVE 414 T4111	ZO 110 4110
WAITED FOR SOME IN EVERYTHING WENT W	ON AT 6:00 AM REVEIWED JS MPROVEMENTS TO THE PUI VELL AND WE MADE SMALL TON AND HOBBS LAB.	MP THAT GOES TO POISIL	DEN TANK. W	E LET SMALL PU	IMP RUN WAT	TER TO IT

						
Date:	7/11/2012	7 1	Report	Number		36
	7/11/2012		•	Number:		8
		_				
Client:	XTO		. 74744	hift Onsite Time:	6:00	am/pm
Location: Site Contact:	Nash 29 Bo Jackson		<u>S</u>	hift Offsite Time:	6:00 PM	am/pm
Site Contact:	Paul Worley		Present	Onsite Activities:	PROCES	Total hrs. SS WATER
3	,					
Processing Hrs		Cumulativ			97	hrs
BBLS Processed		Cumulative				18 bbls
BBLS/Hr Proce	ssed: 495	Cumulative	BBLS/Hr Proc	essed:	<u> </u>	bbl/hr 🎨 🖄
Lead Supervisor:	Paul Worley	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator	ADAM POLLARD	800		100	6.85	1.67
Crew	CHRIS ONEAL	2000 1000		100	6.76	1.55
_		1200		100	6.9	1.89
		1400		100	6.85	1.66
		<u> </u>		N/A	N/A	N/A
<u> </u> -		0:00		N/A	N/A	N/A
-		Chemical	Usage	Start Inv.	End Inv.	On Order
	****	HcL Acid	235	5,416	5,181	
		Sodium Hydroxide	205	3,800	3,595	
Visitors:						
Visitors:	BO WELLS					
Visitors:				L		<u> </u>
Were there any abnor	rmal operational issues onsi	ite?				
NO	nal supplies/equipment nee	had 2 if so what items and	vhen?	SON ANTIVE STATES AND A STATE OF THE STATE O	State & State	
NO			TO THE TAX TO SERVE	48-46-14 (300 im 69-88-88-12 m		STATES 1
Have there been any NO	changes to the current sche	dule, including volumes ne	eded by clien	R		n Xweet S. F.
Has client provided a	ny operational feedback (po	sitive or negative)?				
Person:		Company:	227/02		XTO	
Additional Com	11 12 12 12 12 12 12 12 12 12 12 12 12 1	IDA OTADTES SSOCIES	IO WATER 1	7.00 444 544	UT OF SILE	TIO 4115
	ION AT 6:00 AM REVEIWED . OF HOURSCAUSTIC ARRI					

Date:	7/17	2/2012	ſ	Penort	Number:	I	37
. Pare		./2012	ļ		lumber:		8
Client:	x	то	í	C	hift Onsite Time:	6:00	/nm
Location:		sh 29	†		hift Offsite Time:	8:00 PM	am/pm am/pm
Site Contact:		ackson	j	اد ا	The second secon	8	Total hrs.
Site Contact:		Worley			Onsite Activities		SS WATER
		VVC.IIG	ı		Office Addition.	11.002.	JO WALLET
Processing Hrs T		8 hrs		e Processing	THE L. PARTIES CONTROL	105	hrs
BBLS Processed 1		3,362 bbls	The state of the s	BBLS Proces	47/7 1 1		LO bbls
BBLS/Hr Proces	sed:	420.25	Cumulative I	BBLS/Hr Proc	essed:	₹ 2.4 373.4	bbl/hr 🗎 🏁 💮
Lead Supervisor:	PAUL \	WORLEY	Readings:	flow back	Volts/Amps	рH	Turbidity
Lead Operator	ADAM F	POLLARD			110	7.1	2.56
Crew	CHRIS	ONEAL	1000		110	7.43	1.89
	REGGI	E WHITE	1200		110	6.67	0.98
			1400		110	6.63	1.45
			0:00		N/A	N/A	N/A
			0:00		N/A	N/A	N/A
			-			L	
			Chemical	Usage	Start Inv.	End Inv.	On Order
			HcL Acid	355	5,181	4,826	
<u> </u>			Sodium Hydroxide	420	3,595	3,175	
Visitors:							
Visitors:	BOV	WELLS			<u>-</u>		
Visitors:							
NO							
Are there any addition NO	al supplies/	equipment neede	d? If so, what items and v	when?			
Have there been any c	hanges to t	he current sched	ule, including volumes ne	eded by client	?		A madaga (C. S.
Person:	ny operation	ial feedback (posi	tive or negative)? Company:			XTO	
N/A							
HAD SOME BACK PRE WE HAD TO WAIT FOR AND BLEW SOME OF GET A BIGGER PUMP	ON AT 6:00 / ESSURE ON R CLEAN TA THE GASKE TO TRANSI	I SAND FILTERS E ANKS TO GO DOW ETS WE HAD TO FER WATER. THE	SA STARTED PROCESSIN BECAUSE THE SMALL PU VN TO KEEP FILLING. THE D REPAIR THEMXTO CO E SINGLE PUMP ON XTO S VENT WELL AND WE MAL	IMPE WENT DO ERE WAS TO M MPANY MAN I SIDE IS TOO S	OWN ONXTO TF MUCH BACK PRI WAS CALLED AI MALL TO KEEP	RANFER PUMI ESSURE ON S ND THEY ARE UP WITH US.	P WENT DOW SAND FILTERS GOING TO OTHER THAN

			 			
Date:	7/13/2012		Report	Number:		38
**************************************	7/10/2022			lumber:		8
Client:	хто	!	SI	nift Onsite Time:	2:00	am/pm
Location:	Nash 29			nift Offsite Time:	7:00 PM	am/pm
Site Contact:	Bo Jackson				10	Total hrs.
Site Contact:	Paul Worley		Present (Onsite Activities:	PROCES	S WATER
Processing Hrs	Today: 10 hrs		e Processing	Uro:	107	hrs
BBLS Processed			e BBLS Proces			52 bbls
BBLS/Hr Proc				essed:		bbl/hr ****
Lead Supervisor:	PAUL WORLEY	Readings:	flow back	Volts/Amps	pН	Turbidity
Lead Operator	ADAM POLLARD	*** 4 800 × ***		110	7.21	0.76
Crew	CHRIS ONEAL	1000		110	6.87	0.87
	REGGIE WHITE	1200		110	6.95	1.24
Ī		1400		110	6.34	2.34
Ī		0:00		N/A	N/A	N/A
		0:00		N/A	N/A	N/A
Į.						
[Chemical	Usage	Start Inv.	End Inv.	On Order
[HcL Acid	345	5,181	4,836	
		Sodium Hydroxide	380	3,595	3,215	
Visitors:						
Visitors:						
Visitors:					<u> </u>	1
NO	ormal operational issues onsite?			Spans P. Spanson		
Are there any additi NO	onal supplies/equipment needed	i? If so, what items and (when?			
Have there been an	y changes to the current schedu	le, including volumes ne	eded by client	7		
Has client provided Person: N/A	any operational feedback (posit	lve or negative)? Company:			хто	
	10000-012001 - NOTE Staggeronnon-022					
Additional Cor		4 OTABTED DECOCOO	NO WATER AT	2.00 444 14/5	LAD TO MAIL	CEVEDAL
HOURS FOR PUMP	TION AT 2:00 AM REVEIWED JS/ TO TRANFER WATER FROM CL CHEMICALS WE ALSO TREA	EAN TANKS TO PIT TAN	IK EVERYTH	ING ELSE WEN	T WELL WITH	

Date:	7/14/2012	1	Report	Number:	3	39
	771712012		Unit N			8
Client:	XTO		. SI	hift Onsite Time:	5:00	am/pm
Location:	Nash 29			nift Offsite Time:	7:00 PM	am/pm
Site Contact:	Bo Jackson				10	Total hrs.
Site Contact:	Paul Worley		Present 0	Onsite Activities:	PROCES	S WATER
Processing Hrs	Today: 10 hrs	Cumulativ	e Processina	Hrs:	117	hrs
BBLS Processed			BBLS Proces			3 bbls
BBLS/Hr Proces				essed:		bbl/hr<
Lead Supervisor:	PAUL WORLEY	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator	ADAM POLLARD	800		100	7.24	0.89
Crew	CHRIS ONEAL	1000		100	6.98	1.31
	REGGIE WHITE	1200		100	6.54	1.87
<u> </u>		1400		100	6.88	1.63
<u> </u>		0:00		N/A	N/A	N/A
		0:00		N/A	N/A	N/A
-		Chemical	Usage	Start Inv.	End Inv.	On Order
		HcL Acid	380	5,181	4,801	d
		Sodium Hydroxide	410	3,595	3,185	
Visitors:	LARRY ONEAL			······································		
Visitors:						
Visitors:						
/ere there any abnor O	rmal operational issues onsite	3				
re there any addition O	nal supplies/equipment neede	d? If so, what items and o	when?			
O ave there been any	nal supplies/equipment neede					
0						
O ave there been any O	changes to the current schedi	ule, including volumes ne	eded by client	7		
ave there been any O as client provided a Person:		ule, including volumes ne	eded by client	7		
O ave there been any O as client provided a	changes to the current schedu	ule, including volumes ne	eded by client	7		

Date:						
	7/15/2012	F	Panari	Number:		40
January Date:	7/13/2012			umber:		8
Client:	хто	Ţ.	C I	nift Onsite Time:	6:00	am/pm
Location:	Nash 29			ift Offsite Time:	6:00 PM	am/pm
Site Contact:	Bo Jackson			inconsite inne.	9	Total hrs.
Site Contact:	Paul Worley		Drecent (Onsite Activities:		SS WATER
Oite Contact.	radi vvoney	L	riesenic	Maile Activities.	PROCE	55 WATER
Processing Hrs T	oday: 9 hrs	Cumulativ	e Processing I	Hrs:	126	hrs
BBLS Processed 1			BBLS Proces		49,11	.6 bbis
BBLS/Hr Proces		Cumulative E	BLS/Hr Proce	ssed:		bbl/hr
		<u> </u>				
Lead Supervisor:	PAUL WORLEY	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator	ADAM POLLARD	******** 800°****		100	6.75	1.65
Crew	CHRIS ONEAL	1000 📜 🔭		100	6.56	1.97
	REGGIE WHITE	1200		100	6.87	1.88
		1400		100	6.93	1.53
		0:00		N/A	N/A	N/A
		° 0:00 ° °		N/A	N/A	N/A
		Chemical	Usage	Start Inv.	End Inv.	On Order
		HcL Acid	320	4,801	4,481	
		Sodium Hydroxide	385	3,185	2,800	
Visitors:	LARRY ONEAL					
Visitors:						
Visitors:						
Were there any abnor	mal operational issues onsite	7				
	organia, spinista	And Supplementary			Svinda (2004) II. Villa o modina	The second section of the section of
NO NO	al supplies/equipment needed	d 7, ir so, what items and v	vnen 7			
	hanges to the current schedu	ile, including volumes ne	eded by client	?		
NO						
1122212222			T	or I amaging the second to	00000 V V 622330000000	Ti h sayanananaksisisimi
Has client provided ar	ny operational feedback (posit	tive or negative)? Company:				
N/A		Company:			хто	
Additional Comm	iente					
	ON AT 6:00 AM REVEIWED JS	A STARTED PROCESSIA	IG WATER AT	6:15 AM WF I	HAD TO WAIT	SEVERAL
HOURS FOR PUMP TO	D TRANFER WATER FROM CL RYTHING ELSE WENT WELL V	LEAN TANKS TO PIT TAN	K FILLED C	LEAN TANKS AI	ND SHUT DON	VN FOR PUMP

Date:	7/16/2012	1	Renort	Number:		41
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N.S. Service in the service of the s			Dogovogo pog transcritt ag vistra.	Title		
Client:	XTO			hift Onsite Time:	6:00	am/pm
Location:	Nash 29			hift Offsite Time:	4:00 PM	am/pm
Site Contact:	Bo Jackson				7	Total hrs.
Site Contact:	Paul Worley		Present	Onsite Activities	PROCES	SS WATER_
Processing Hrs T	oday: 7 hrs	Cumulativ	e Processing	Hrs:	133	hrs
BBLS Processed	Today: 3,852 bbls		BBLS Proce		52,96	58 bbls
BBLS/Hr Proces		Cumulative	BBLS/Hr Proc	essed:	398.3	bbl/hr
Lead Supervisor:	PAUL WORLEY	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator	CHRIS ONEAL	70 1 800 C 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		100	6.35	0.87
Crew	REGGIE WHITE	1000		100	6.43	1.23
<u> </u>	REGGIE WHITE	1200		100	7.12	2.1
		1400		100	6.97	1.87
		0:00		N/A	N/A	N/A
		0:00		N/A	N/A	N/A
		Chemical	Usage	Start Inv.	End Inv.	On Orde
		HcL Acid	260	4,481	4,221	
		Sodium Hydroxide	285	2,800	2,515	
Visitors:	LARRY ONEAL					
Visitors:			<u> </u>			
Visitors:			l.			1
Vere there any abnor	mal operational issues onsite	?		Julions)	Selama zer	
Ю	matik					50000000000000000000000000000000000000
· · · ·					Characterist 1 4 47 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
re there any addition	ial supplies/equipment needs	ed? If so, what items and v	when?			
	nal supplies/equipment neede	ed? If so, what items and v	when?	Home to the second		
Are there any addition	nal supplies/equipment needs	ed? If so, what items and v	when?			
10					A Philippish	
IO lave there been any c	al supplies/equipment neede					
10					And San on 1851 has	A Section 1
O ave there been any o						The second secon
lave there been any c IO las client provided a		ule, including volumes ne	eded by clien			
ave there been any c	changes to the current sched	ule, including volumes ne	eded by clien	?	TO THE SHIP OF THE LIBE	
ave there been any of O as client provided as Person:	changes to the current sched	ule, including volumes ne	eded by clien	?		

Date:	7/17/2012	i	Ponort	Number:		42
Date.	7/17/2012			umber:		8 .
Client:	хто	1	Sh	nift Onsite Time:	6:00	am/pm
Location:	Nash 29		St.	nift Offsite Time:	2:00 PM	am/pm
Site Contact:	Bo Jackson				6	Total hrs.
Site Contact:	Paul Worley		Present (Onsite Activities:	PROCES	S WATER
Processing Hrs T	oday: 6 hrs	Cumulativ	e Processing	Hrs:	139	hrs
BBLS Processed T			BBLS Proces			0 bbls
BBLS/Hr Proces			BBLS/Hr Proce			bbl/hr
DDL3/HI/F/OCES	seu	Cumulative	BBLS/Histore	sseu.	390.0	"DDRIII
Lead Supervisor:	PAUL WORLEY	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator	CHRIS ONEAL	800		100	6.75	1.32
Crew	REGGIE WHITE	1000		100	7.12	1.45
ENGRESHMOI CW STORKET	NEGOIL WITTE	1200		100	6.88	0.98
 -		1200 N/A		N/A	N/A	N/A
 		0:00		N/A	N/A	N/A
		0:00		N/A	N/A	N/A
		*		IN/A	IN/A	IV/A
		Chemical	Hanan	Start Inv.	End Inv.	On Order
			Usage			Un Order
		HcL Acid	205	4,221	4,016	
Ellis Control of the	11557 0151	Sodium Hydroxide	180	2,515	2,335	
Visitors:	LARRY ONEAL					
Visitors:	JAMIE HARRIS					
Visitors:	STEVEN TIPDEN					
Were there any abnorm NO	mal operational issues onsite	?				
Are there any addition NO	al supplies/equipment needed	d? If so, what items and	when?			
Have there been any o NO	hanges to the current schedu	ile, including volumes ne	eded by client	?		
	ny operational feedback (posit	tive or negative)?				
Person:		Company:			XTO	
Additional Comm						
ARRIVED ON LOCATION SHUT DOWN FOR PURCE CALLED THE MANUFA	nents ON AT 6:00 AM REVEIWED JS MP TO CATCH UP POSIEDE ACTURER FOR TANK HE REC DJUSTMENTS TO CHEMICAL	EN TANK IS 14" FROM TH	HE TOP AND S	HOULD HAVE A	ROUND 37,28	80 BBLS

Date:	7/18/2012			Report Number:		43
eate.	7/10/2012			Unit Number:		8
					···········	
Client:	хто		27 CC 1, 19	Shift Onsite Time		am/pn
Location:	Nash 29			Shift Offsite Time	6:00 PM	am/pn
Site Contact:	Bo Jackson				. 0	Total hr
Site Contact:	Paul Worley		Pr	esent Onsite Activities	PROCES	SS WATER
TAND BY V	WAITING C	ON FRAC				
Processing Hrs To	day: 0 hrs		umulative Proce		139	hrs
BBLS Processed To	oday: 0 bbls	Cı	mulative BBLS	Processed:	55,32	20 bbls
BBLS/Hr Processo	ed: #DIV/0!	Cur	nulative BBLS/H	r Processed:	398.0	bbl/hr
Lead Supervisor:	PAUL WORLEY	Reading	s: flow t	oack Volts/Amps	рН	Turbidi
Lead Operator		₹800		N/A	N/A	N/A
Crew			** '9* *-	N/A	N/A	N/A
		1200		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
		0:00		N/A	N/A	N/A
		0:00		N/A	N/A	N/A
				ge Start Inv.	End inv.	On Ord
<u> </u>		HcL Ac	id Usa	<u> </u>	4,016	Onoru
		Sodium Hyd			2,335	
Visitors:		30010111 1190	iloxide 0	2,333	2,333	
Visitors:						
Visitors:						
many ratio (31 and 11 and						
ere there any abnorm	al operational issues	onsite?				
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	Charles and a superior of the company of the compan	**************************************		womana woodaawaa v		
	I supplies/equipment	needed? If so, what ite	ms and when?			
0				vollant?	A China	
O ave there been any ch		schedule, including vo	umes needed by	/client?		
O ave there been any ch		schedule, including vo	umes needed by	/client?		12 (S. 1881)
ove there been any ch	nanges to the current			/client?	Ania Kilkundal K	Riginal and a second
ove there been any ch	nanges to the current	schedule, including vo	?			
ove there been any ch	nanges to the current		?	/client?	XTO	
O as client provided any	nanges to the current	k (positive or negative)	?		and the second second	Province of the Control of the Contr

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Date:	7/19/2012	٦	Penort	Number:	<u> </u>	44
	7/15/2012	_		Number:		8
Client:	XTO		S	hift Onsite Time:	16:00	am/pm
Location:	Nash 29		s S	hift Offsite Time:	9:00 PM	am/pm
Site Contact:	Bo Jackson	_	The first of the f		3	Total hrs.
Site Contact:	Paul Worley	J	Present	Onsite Activities:	PROCES	SS WATER
Processing Hrs	Today: 3 hrs	Cumulati	ve Processing	Hrs:	142	hrs
BBLS Processed				ssed:		1 bbls
BBLS/Hr Proces				essed:		bbl/hr
Lead Supervisor:	PAUL WORLEY	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator	CHRIS PERRY	800		100	7.2	2.34
Crew		1000	1	N/A	N/A	N/A
		1200		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
		0:00		N/A	N/A	N/A
		0:00		N/A	N/A	N/A
<u> </u>		Chemical	Usage	Start Inv.	End Inv.	On Order
	- · · · · · · · · · · · · · · · · · · ·	HcL Acid	145	4,016	3,871	
_	••	Sodium Hydroxide	120	2,335	2,215	
Visitors:						
Visitors:						
Visitors:			I		l	
	mal operational issues ons	ite?				
10						
re there any addition	nal supplies/equipment nee	ded? If so what items and	when?			
10						
	changes to the current sche	edule, including volumes n	eeded by clien	17		
10						
las client provided a	ny operational feedback (po	ositive or negative)?				
Person:		Company:		The second secon	хто	
I/O						
Additional Comr						
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Date:	7/20	0/2012			Panort	Number:		45
vate.	7/20	7/2012				lumber:		8
Client:	x	то		į	######## !	nift Onsite Time:	9:00	am/pm
Location:		sh 29				nift Offsite Time:	5:00 PM	am/pm
Site Contact:		ackson				int On site (wife.	7	Total hrs.
Site Contact:		Worley				Onsite Activities:		S WATER
				l			.,,,,,,,,,	
Processing Hrs	Foday:	7 hrs	Q.,[[]]	Cumulativ	e Processing	Hrs:	149	hrs
BBLS Processed	Today:	2,136 bbls	SHARA	Cumulative	BBLS Proces	sed:	58,59	7 bbls
BBLS/Hr Proces	ssed:	305.1428571	77.00	Cumulative	BBLS/Hr Proc	essed:	393.3	bbl/hr
Lead Supervisor:	PAUL \	WORLEY		Readings:	flów back	Volts/Amps	Hq	Turbidity
Lead Operator	CHRIS	PERRY		1200		100	6.82	1.43
Crew			\$	1400		100	6.66	1.65
			137	1600		100	6.54	N/A
				N/A		N/A	N/A	N/A
				0:00		N/A	N/A	N/A
				0:00		N/A	N/A	N/A
				Chemical	Usage	Start Inv.	End Inv.	On Order
				HcL Acid	220	3,871	3,651	
**************************************			Soc	dium Hydroxide	180	2,215	2,035	
Visitors:								
Visitors: Visitors:								
			L					
Vere there any abnor	rmal operatio	onal issues onsite	?					
re there any addition	nal supplies/	equipment neede	d? If so,	what items and	when?			
lave there been any	changes to t	he current schedi	ule, inclů	ding volumes ne	eded by client	?		
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las client provided a	ny operation	al feedback (posi	tive or n	egative)?			ik daj Rojaniki Ang Penghalajan Cangre	
Person:			and the A	Company:			XTO	
I/A								
Additional Com		WATER TO OFT	TANIPO	OWENOUGHT	O CIAVAD OUT 9	POME VALVED 3	TUATIEAU	NE APONE
CONTINUE PROCES ON LOCATION AROU VELL GOT TA	ND 6 AM AN	D GOT TANKS DO	OWN SO	THEY WOULD N	OT OVER FLOI	W ANYMORE. E	VERYTHING V	VENT

TO THE PARTY OF THE PARTY O				COMPANY CONTRACTOR OF THE CONT	Control of the contro		
Date:	7/21/	2012			Number:		46
				Unit N	lumber:		8
Client:	ХТ	0		S	hift Onsite Time:	9:00	am/pm
Location:	Nast	n 29			nift Offsite Time:	5:00 PM	am/pm
Site Contact:	Bo Jac					0	Total hrs.
Site Contact:	Paul W				Onsite Activities:		SS WATER
STAND B'	Υ						
Processing Hr	s Today:	0 hrs	Cumul	ative Processing	Hrs:	149	hrs
BBLS Processe	d Today:	0 bbls	Cumula	tive BBLS Proces	ssed:	58,59	97 bbls
BBLS/Hr Proc	essed:	#DIV/0!	Cumulati	ve BBLS/Hr Proc	essed:	393.3	bbl/hr
Lead Súpervisőr:	PAUL W	ORLEY	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator			1200		N/A	N/A	N/A
Crew			1400		. N/A	N/A	N/A
			1600 °		N/A	N/A	N/A
			√ ←N/A		N/A	N/A	N/A
			0:00	•	N/A	N/A	N/A
			0:00		N/A	N/A	N/A
			Chemical	Usage	Start Inv.	End Inv.	On Order
			HcL Acid	0	3,651	3,651	
•			Sodium Hydroxid	e 0	2,035	2,035	
Visitors:							1
Visitors:							
Visitors:							
	ormal operation	al issues onsite	?				
10							
	ional supplies/e	quipment neede	d? If so, what items a	nd when?		Maria (1971)	Jihin
10							
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	night, Samonang 17 et 10		Contract and a second and a second and a second	entrement i man i va de la composició de	Zement o missionemic	SOMEON CONTRACTOR	A. (1997)
monoto in the same in Charges at	v changes to the	e current sched	ule, including volumes	needed by client	7		
	J						
lave there been an		l feedback (posi	tive or negative)?			zaesio kananini sepuins Professioni dipologica sal	
NO		l feedback (posi	itive or negative)?	Transported to the second		XTO	100 May 100 May 100 May 100 May 100 May 100 May 100 May 100 May 100 May 100 May 100 May 100 May 100 May 100 Ma
IO		l feedback (posi	itive or negative)?				A thought to a fact that the same

Date:	7/22	/2012		Report	Number:		47
	· · · · ·				Number:		8
Client:	X	го		9	hift Onsite Time:	9:00	am/pm
Location:		h 29			hift Offsite Time:	5:00 PM	am/pm
Site Contact: Site Contact:		ckson Norley			Onsite Activities:	0	Total hrs
STAND BY	raui	voney		Fresenc	Onsite Activities:	PROCES	S WATER
Processing Hrs To	dav:	0 hrs	Cumulativ	e Processina	Hrs:	149	hrs
BBLS Processed To		0 bbls			ssed:		97 bbls
BBLS/Hr Process		#DIV/0!	Cumulative	BBLS/Hr. Proc	essed:		bbl/hr
Lead Supervisor:	PAUL V	VORLEY	Readings:	flow back	Volts/Amps	Нq	Türbidit
Lead Operator		/	1200		N/A	N/A	N/A
Crew			1400		N/A	N/A	N/A
			1600		N/A	N/A	N/A
			N/A		N/A	N/A	N/A
			0:00		N/A	N/A	N/A
			0:00	L <u></u>	N/A	N/A	N/A
			Chemical	Usage	Start Inv.	End Inv.	On Orde
			HcL Acid	0	3,651	3,651	Samuel Off Office
SSC Sough Company Comp			Sodium Hydroxide	0	2,035	2,035	
Visitors:							
Visitors:							
www.ciotcoio.				l			<u> </u>
 - 11 - Lonin et al. 1 - Million y Construgge Pillione Care Care Care 1 - Principal and Care Care Care Care Care Care Care Care	al operatio	nal issues onsite	e?				
0							
O	supplies/e	equipment needs	ed?[If so, what items and	when?			
0	supplies/e	equipment need	ed? If so, what items and	when?		San San San San San San San San San San	
O	supplies/e	quipment need	ed? If so, what items and	when?			
O re there any additiona O							
ore there any additiona o			ed? If so, what items and				
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ore there any additiona O ave there been any ch	anges to th	e current sched	ule, including volumes ne	eded by clien			
ore there any additiona O ave there been any ch O as client provided any	anges to th	e current sched	ule, including volumes no	eded by clien			
ore there any additiona O ave there been any ch	anges to th	e current sched	ule, including volumes ne	eded by clien			

Client: XTO Location: Nash 29 Site Contact: Bo Jackson Site Contact: Paul Worley TAND BY Processing Hrs Today: 0 hrs BBLS Processed: Joseph Paul Worley BBLS Processed: Start Processed: Start Processed: Start Processed: Start Processed: Paul Worley Lead Supervisor Crew PAUL WORLEY Lead Operator Location: Wisitors: Visitors: Vicitor of the current schedule, including volumes needed by client? Person: Company: XTO A Location: Nash 29 Shift Onsite Time: 9:00 am/pm am	Date:	7/23	/2012		Report	Number:		48
Site Contact: Bo Jackson Site Contact: Paul Worley Processing Hrs Today: 0 hrs BBLS Processed: 53,597 bbls Cumulative BBLS Processed: 53,597 bbls NJA NJA NJA NJA NJA NJA NJA NJA NJA NJA	3330		<u>/</u>		~~~~~			
Site Contact: Bo Jackson Site Contact: Paul Worley Processing Hrs Today: 0 hrs BBLS Processed: 53,597 bbls Cumulative BBLS Processed: 53,597 bbls NJA NJA NJA NJA NJA NJA NJA NJA NJA NJA								
Site Contact:	Client:	X	то		S	hift Onsite Time:	9:00	am/pm
Site Contact: Paul Worley Processing Hrs Today: 0 hrs BBLS/Processed: 0day: 0 bbls BBLS/Hr Processed: #DIV/0! Lead Supervisor: PAUL WORLEY Crew PAUL WORLEY Crew PAUL WORLEY Crew PAUL WORLEY Crew PAUL WORLEY Crew PAUL WORLEY Crew PAUL WORLEY Crew PAUL WORLEY Crew PAUL WORLEY Crew PAUL WORLEY Crew PAUL WORLEY Crew PAUL WORLEY Crew PAUL WORLEY Crew PAUL WORLEY Crew PAUL WORLEY Readings: flow back Volts/Amps PH Turbidity 1200 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A Chemical Usage Start Inv. Endinv. On Orde HcL Acid O 3,651 3,651 Sodium Hydroxide O 2,035 2,035 Visitors: Location:	Nas	sh 29			1	5:00 PM	am/pm	
Processing Hrs Today: 0 hrs BBLS Processed: 58,597 bbls BBLS Processed: 58,597 bbls BBLS Processed: 58,597 bbls BBLS Processed: 58,597 bbls Cumulative BBLS Processed: 393.3 bbl/hr Camulative BBLS Processed: 393.3 bbl/hr Lead Supervisor: PAUL WORLEY Lead Operator 1400 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Site Contact:	Bo Ja	ackson				0	Total hrs
Readings	Site Contact:	Paul '	Worley		Present	Onsite Activities:	PROCES	S WATER
BBLS/Hr Processed: 58,597 bbls BBLS/Hr Processed: #DIV/0! Cumulative BBLS/Hr Processed: 393.3 bbl/hr Lead Supervisor: PAUL WORLEY Lead Operator 1200 N/A N	STAND B	Y						
BBLS/Hr, Processed: 393.3 bbl/hr tead Supervisor: PAUL WORLEY Lead Operator Lead Oper			0 hrs					
Lead Supervisor: PAUL WORLEY								
1200	BBLS/Hr Proc	essed:	#DIV/0!*	Cumulative	BBLS/Hr Proc	essed:	393.3	bbl/hr
1200	Lead Supervisor:	PAUI V	WORLEY 1	Readings:	flow back	Volts/Amos	На	Turbidit
Tet there any abnormal operational issues onsite? Ore there any abnormal operational issues onsite? Ore there any additional supplies/equipment needed? If so, what items and when? Ore there been any changes to the current schedule, including volumes needed by client? Ore there been any operational feedback (positive or negative)? Person: Ore there is a very additional supplies and the current schedule is a very a very and a very a								
1600 N/A				·····				
N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A								
Chemical Usage Start Inv. End Inv. On Orde HcL Acid 0 3,651 3,651 Sodium Hydroxide 0 2,035 2,035 Visitors: Visitors: Visitors: Visitors: Visitors: O re there any abnormal operational issues onsite? O ave there been any changes to the current schedule, including volumes needed by client? O as client provided any operational feedback (positive or negative)? Person: Company: X10				N/A		N/A	N/A	N/A
Chemical Usage Start Inv. Endlinv. On Orde Hct Acid 0 3,651 3,651 Sodium Hydroxide 0 2,035 2,035 Visitors: Visitors: Visitors: Visitors: Visitors: O The there any abnormal operational issues onsite? O are there any additional supplies/equipment needed? If so, what items and when? O are there been any changes to the current schedule, including volumes needed by client? O are there been any changes to the current schedule, including volumes needed by client? O as client provided any operational feedback (positive or negative)? Person: Company: XTO				0:00		N/A	N/A	N/A
HcL Acid 0 3,651 3,651 Sodium Hydroxide 0 2,035 2,035 Visitors: Vi				0:00		N/A	N/A	N/A
HcL Acid 0 3,651 3,651 Sodium Hydroxide 0 2,035 2,035 Visitors: Vi					Perconaga Companya (Canada		F. 2 (1)	0.50.45
Sodium Hydroxide 0 2,035 2,035 Visitors: Visitors: Visitors: Visitors: Visitors: Visitors: Visitors: Visitors: Visitors: Visitors: Visitors: Visitors: Visitors: Visitors: Visitors: Visitors: Visitors: Visitors: Visitors: Visitors: Visitors: Visitors: Visitors: Visitors: Visitors: Visitors: Visitors:						Committee of the commit		on orae
Visitors: Visitors:	1	<u> </u>						
Visitors: Visitors:	Visitors:		-	Souldin Hydroxide		2,033	2,033	
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ave there been any changes to the current schedule, including volumes needed by client? O as client provided any operational feedback (positive or negative)? Person: Company: X10		ormal operatio	onal issues onsit	e?				
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ave there been any changes to the current schedule, including volumes needed by client? O as client provided any operational feedback (positive or negative)? Person: Company: X10	Jere there any abn O	ormal operatio	nal issues onsit	•?	MARIANA MARIANA			
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as client provided any operational feedback (positive or negative)? Person: Company: XTO	O re there any addit							
as client provided any operational feedback (positive or negative)? Person: Company: XTO								
as client provided any operational feedback (positive or negative)? Person: Company: XTO	O re there any addit							
Person: Company: XTO	o re there any addit O	ional supplies/	equipment need	ed? If so, what Items and	when?			
Person: Company: XTO (A	O re there any addit O	ional supplies/	equipment need	ed? If so, what Items and	when?			
Person: Company: XTO (A	ore there any addit	ional supplies/	equipment need	ed? If so, what Items and	when?			
/A	re there any addit O ave there been an	ional supplies/	equipment need he current sched	ed? If so, what items and a	when?			
	re there any addit O ave there been an	ional supplies/	equipment need he current sched	ed? If so, what items and lule, including volumes ne	when?			
Additional Comments	re there any addit O ave there been an O as Client provided Person:	ional supplies/	equipment need he current sched	ed? If so, what items and lule, including volumes ne	when?			
The state of the s	october any addition of the control	ional supplies/	equipment need he current sched	ed? If so, what items and lule, including volumes ne	when?			

Date:	7/2/	/2012	ſ	Renort	Number:		49
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,2012			lumber:		8
				SE-SSUNA SERVEY COME IN			·
Client:	X	то	!		nift Onsite Time:	9:00	am/pm
Location:	Nas	sh 29		SI	nift Offsite Time:	5:00 PM	am/pm
Site Contact:	Bo Ja	nckson			70 ta	0	Total hrs
Site Contact:	Paul \	Worley		Present (Onsite Activities:	PROCES	S WATER
STAND BY	,						
Processing Hrs	Today:	0 hrs	Cumulativ	e Processing	Hrs:	149	hrs
BBLS Processed	Today:	0 bbls	Cumulative	BBLS Proces	ssed:	58,59	7 bbls
BBLS/Hr Proce	ssed:	#DIV/0!	Cumulative	BBLS/Hr Proce	essed:	393.3	bbl/hr
Lead Supervisor:	PAUL V	VORLEY	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator			1200 *-		N/A	N/A	N/A
Crew			1400		N/A	N/A	N/A
			1600		N/A	N/A	N/A
			N/A		N/A	N/A	N/A
			0:00		N/A	N/A	N/A
			0:00		N/A	N/A	N/A
			Chemical	Usage	Start Inv.	End Inv.	On Orde
			HcL Acid	0	3,651	3,651	
			Sodium Hydroxide	0	2,035	2,035	
Visitors:							
Visitors:							
Visitors:							
							
lere there any abno	rmal operatio	nal issues onsite	e?			112	
10							
10							
re there any addition	nal supplies/e	equipment neede	ed? if so, what items and v	when?			
	onal supplies/e	equipment needs	ed? If so, what items and v	when?			
re there any addition	nal supplies/i	equipment neede	ed? If so, what items and v	when?	Employee		The second History
re there any addition	······································						
re there any addition	······································		ed?ilf so, what items and v				
re there any addition	······································						
re there any addition	······································						
re there any addition O lave there been any	changes to th	ne current sched	ule, including volumes ne	eded by client			
re there any addition O lave there been any O las client provided	changes to th	ne current sched	lule, including volumes ne	eded by client			
are there any addition of the control of the contro	changes to th	ne current sched	ule, including volumes ne	eded by client			
re there any addition O lave there been any O las client provided	changes to th	ne current sched	lule, including volumes ne	eded by client			
re there any addition of the control	changes to the	ne current sched	lule, including volumes ne	eded by client			

D.A.	7/25	/2012	1	ACCEPTAGE TO LATER	A 1 CONTRACT CONTRACTOR		ro.
Date:	1/25	/2012		Keport	Number:	-	50 8
				Unit	iumber:		0
Client:	X	ТО		s	hift Onsite Time:	9:00	am/pm
Location:	Nas	sh 29		SI SI	nift Offsite Time:	5:00 PM	am/pm
Site Contact:		ackson				0	Total hrs.
Site Contact:		Worley	ļ	Present	Onsite Activities:	PROCES	SS WATER
STAND BY							
Processing Hrs		0 hrs	Cumulati			149	hrs
BBLS Processed		0 bbls			ssed:		7 bbls
BBLS/Hr Proce	ssed:	#DIV/0!	Cumulative	BBLS/Hr Proc	essed:	393.3	bbl/hr
Lead Supervisor:	PAUL V	VORLEY	Readings:	flow back	Volts/Amps	pH *	Turbidity
Lead Operator			1200		N/A	N/A	N/A
Crew			1400		N/A	N/A	N/A
L			1600		N/A	N/A	N/A
L			N/A		N/A	N/A	N/A
<u> </u>			0:00		N/A	N/A	N/A
-			0:00		N/A	N/A	N/A
			Chemical	Usage.	Start Inv.	End Inv.	On Order
			HcL Acid	0	3,651	3,651	
			Sodium Hydroxide	0	2,035	2,035	
Visitors:							
Visitors:							
Visitors:				J			
				· · ·			
		5-1875 SMS-887 - 1987 - 1			24 112 12 12 12 12 12 12 12 12 12 12 12 12	50-000022-3000000	
Totales a Companyon province assessed	21 1 ··· · · · · 28002··· · · · · · · · · · · · · ·					16.	
Vere there any abno	rmal operatio	iiai issues olisit	G1				
Vere there any abno	rmal operatio	nar issues onsi	G (
	rmal operatio	<u>narissues onsi</u>	G				
	rmal operatio	narissues onsi					
10							
NO Are there any additio			ed? If so, what items and			un.	
10							
NO Are there any additio							
io ire there any additio	nal supplies/	equipment need	ed?lf.so, what items and	when?	1945)		
io ire there any additio	nal supplies/	equipment need		when?	1945)		
io Ne there any additio NO Nave there been any	nal supplies/	equipment need	ed?lf.so, what items and	when?	1945)		
The there any addition to the there any addition to the there been any to the nal supplies/c	equipment need ne current sched	ed? If so, what items and dule, including volumes no	when?	3			
The there any addition to the there been any to the the been any to the there been any to the there been any to the the been any to the there been any to the there been any to the the been any to the been any to the been any to the been any to the been any to the been any to the been any to the been any to the been any to the been any to the been any to the been any to th	nal supplies/c	equipment need ne current sched	ed? If so, what items and dule, including volumes no	when?	3		
The there any addition to the there any addition to the there been any to the the there been any to the the th	nal supplies/c	equipment need ne current sched	ed? If so, what items and dule, including volumes no	when?	3		
The there any addition to the there been any to the the been any to the there been any to the there been any to the the been any to the there been any to the there been any to the the been any to the been any to the been any to the been any to the been any to the been any to the been any to the been any to the been any to the been any to the been any to the been any to th	nal supplies/c	equipment need ne current sched	ed? If so, what items and dule, including volumes no	when?	3		
re there any addition to the there been any to the the there been any to the there been any to the there been any to the there been any to the there been any to the there been any to the there been any to the there been any to the there been any to the there been any to the there been any to the the there b	nal supplies/changes to the	equipment need ne current sched	ed? If so, what items and dule, including volumes no	when?	3		

Date:	7/26	/2012			Report	Number:		51
	•					lumber:		8
Client:			1		Approved a constitution of		0.60	
		TO				hift Onsite Time:	9:00	am/pm
Location: Site Contact:		sh 29 ackson	-		- 5	hift Offsite Time:	5:00 PM 0	am/pm Total hrs
Site Contact:		Worlev	1		Present	Onsite Activities:		S WATER
STAND BY	,	-	J			- 10 mm - 40 Village 10 mm -		
Processing Hrs		0 hrs]	Cumulati	e Processing	Hrs:	149	hrs
BBLS Processed	Today:	0 bbls		Cumulativ	e BBLS Proces	ssed:	58,59	7 bbls
BBLS/Hr Proce	ssed:	#DIV/0!		Cumulative	BBLS/Hr Proc	essed:	393.3	bbl/hr
Lead Supervisor:	PAUL V	VORLEY		Readings:	flow back	Volts/Amps	рН	Turbidit
Lead Operator				1200		N/A	N/A	N/A
Crew				* 1400		N/A	N/A	N/A
				1600		N/A	N/A	N/A
L			===	N/A		N/A	N/A	N/A
<u> </u>			1	0:00		N/A	N/A	N/A
-			l L	0:00	L	N/A	N/A	N/A
-				Chemical	Usage	Start Inv.	End Inv.	On Orde
				HcL Acid	0	3,651	3,651	
Secretary Commencer Commen			Sod	ium Hydroxide	0	2,035	2,035	
Visitors:					ļ			
Visitors: Visitors:			∤					
visitors.			J L		L	L		
Vere there any ahno	rmal operatio	nal issues onsit	te?					
ioro enoro, arry abiro								
0		en aller gerale op hour of skiller on hour	12.10)16	wanga anna da ana				Balanniki ili ili ili ili ili ili ili ili ili
O re there any additio	nal supplies/	equipment need	led? If so, v	vhat items and	when?		900 July 1996	
O re there any additio	nal supplies/	equipment need	led? lf so, v	vhat items and	when?			
O re there any additio	nal/supplies/	equipment need	led? if so, v	vhat items and	when?			Markett (1988)
O re there any additio O								
o there any additio								
O re there any additio O ave there been any								
re there any addition O ave there been any	changes to tl	ne current sched	dule, includ	ling volumes n	eded by client	7	1 - 2 A - 2	Tally S
re there any addition O lave there been any IO las client provided a	changes to tl	ne current sched	dule, includ	ling volumes no	eded by client	7		Tally S
re there any addition to the second any in the second as client provided a Person:	changes to tl	ne current sched	dule, includ	ling volumes n	eded by client	7	1 - 2 A - 2	Talue San Marie
o re there any additio o ave there been any o as client/provided a	changes to tl	ne current sched	dule, includ	ling volumes no	eded by client	7		Tally S

						_
Date:	8/1/2012			Number:		52
		l	Unit N	lumber:		8
Client:	XTO	- 7 1	**************************************	hift Onsite Time:	11:00	am/pm
Location:	Nash 29	┥		hift Offsite Time:	4:00 PM	am/pm
Site Contact:	Bo Jackson				0	Total hrs.
Site Contact:	Jason Distall		Present	Onsite Activities	PROCES	S WATER
Processing Hrs		Cumulativ			149	hrs
BBLS Processed				ssed:		7 bbls
BBLS/Hr Proces	ssed: #DIV/0!	Cumulative	BBLS/Hr Proc	essed:	393.3	bbl/hr 🐣
Lead Supervisor:	Jason Distall	Readings:	flow back	≫Volts/Amps	pH	Turbidity
Lead Operator		1200		N/A	N/A	N/A
Crew	Eddie McGruder	1400		N/A	N/A	N/A
	Sammy Dean	1600		N/A	N/A	N/A
_	Ray Lee	N/A		N/A	N/A	N/A
_		0:00		N/A	N/A	N/A
-		0:00	<u> </u>	N/A	N/A	N/A
		@ Ghemical	Usage	Start Inv.	End Inv.	On Order
		HcL Acid	0	3,651	3,651	
agents, Colorest code, y reduced exerci-		Sodium Hydroxide	67	2,035	1,968	
Visitors:						
Visitors: Visitors:				-	<u> </u>	
visitors:				<u>l</u>		
ere there any abnor	rmal operational issues on	nsite?				
0						
						•
			uban2			
	nal supplies/equipment ne	eded? If so, what items and v	when?		- 10 m	
re there any addition	nal supplies/equipment ne	eded? If so, what items and \	when?	with the same		
	nal supplies/equipment ne	eded? If so, what items and v	when?			
0						
0		eded? If so, what items and v				
O ave there been any						
O ave there been any O	changes to the current sch	hedule, including volumes ne	éded by clien	17		
O ave there been any O	changes to the current sch		éded by clien	17	Part of the second	
O ave there been any O as client provided a	changes to the current sch	hedule, including volumes ne	eded by clien	17		
ave there been any O as client provided a Person:	changes to the current sch	hedule, including volumes ne	eded by clien	17		

Date:	8/2/2012		Report	Number:	I	53
770		ļ		Number:		8
Client:	хто	ļ	#** S	hift Onsite Time:	5:30	am/pm
Location:	Nash 29			hift Offsite Time:	4:00 PM	am/pm
Site Contact:	Bo Jackson				10.5	Total hrs.
Site Contact:	Jason Distall		Present	Onsite Activities	PROCES	S WATER
Processing Hrs T	odav: 3 hrs	Cumulativ	e Processing	Hrs.	152	hrs
BBLS Processed 1				ssed:	 	39 bbls
BBLS/Hr Proces			BBLS/Hr Proc		394.7	
Lead Supervisor:	Jason Distall	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator		1200		20v 100a	7.05	3.32
Crew	Eddie McGruder	1400		N/A	N/A	N/A
	Sammy Dean	1600		20v 100a	7.03	3.27
	Ray Lee	N/A		N/A	N/A	N/A
		0:00		N/A	N/A	N/A
		0:00 *,	<u></u>	N/A	N/A	N/A
		Chemical	Usage	Start Inv.	End Inv.	On Order
		HcL Acid	143	3,651	3,508	
_		Sodium Hydroxide	117	1,968	1,851	
Visitors:						
Visitors:						
Visitors:			l			
· · · · · · · · · · · · · · · · · · ·		.				···
More there any abnor	mal operational issues onsite?					
	was fluctuating, the lost power.	Market Charles in Control of Cont				**************************************
	al supplies/equipment needed	i? If so, what items and v	when?			
NO						
Have there been any c	hanges to the current schedu	le, including volumes ne	eded by client	t?		
NO						
Has client provided an	iy operational feedback (posit	ive or negative)?				
Person:		Company:			хто	
Additional Comm						
	, had several power surges from			1 15 1 1		

Date:	8/3/2012		Report	Number:		54
			Unit N	lumber:		8
Client:	ХТО	ı	Š	hift Onsite Time:	5:30	am/pm
Location:	Nash 29			hift Offsite Time:	4:00 PM	am/pm
Site Contact:	Bo Jackson		7 10 10 10 10 10 10 10 10 10 10 10 10 10		10.5	Total hrs.
Site Contact:	Chad Edwards			Onsite Activities:		SS WATER
DESCRIPTION OF THE PROPERTY OF	TORK PARTITIONS 5. THE	Lower State of the Control of the Co				
Processing Hrs		***************************************		Hrs:	158	hrs
BBLS Processed		7.7 July 297 - 103		ssed:		10 bbls
BBLS/Hr Proce	ssed: 558.5	Cumulative	BBLS/Hr Proc	essed:	400.9	bbl/hr
Lead Supervisor:	Chad Edwards	Readings:	flow back	Volts/Amps	, pH,	Turbidity
Lead Operator	Jason Distall	1200		20v 100a	6.99	3.29
Crew	Eddie McGruder	1400		N/A	N/A	N/A
L	Sammy Dean	1500		20v 100a	7.03	3.18
	Ray Lee	N/A		N/A	N/A	N/A
		0:00		N/A	N/A	N/A
-		0:00		N/A	N/A	N/A
-		Chemical	Usage	Start Inv.	End Inv.	On Order
		HcL Acid	345	3,508	3,163	
٠.		Sodium Hydroxide	361	1,851	1,490	
Visitors:	Bo Jackson	, , , , , , , , , , , , , , , , , , , ,		-	, , , , ,	
Visitors:						
Visitors:						
Vere there any abno No	rmal operational issues onsite	?				
Are there any additio	nal/supplies/equipment neede	d? If so, what items and v	vhen?			
es, supply list will be	complete tomorrow.			_		
lave there been any	changes to the current schedu	ile including volumes ne	eded by client	2		
	roximately 2,000 bbls/day incomir	ng produced water do to po	wer outages.			
We are limited to appi	<u> </u>					
	any operational feedback (posit	tive or negative)?				
	any operational feedback (posit	27.22.22.20.20.20.20.20.20.20.20.20.20.20.			XTO	
las client provided a	any operational feedback (posit	tive or negative)? Company:			хто	
fas client provided a Person: No Additional Com	ments	Company:				Harris Alphini
Has client provided (a Person:		Company:	eased rate to 4	0,	effecting the w	

Date:	8/4/2012]	∴ Nepor	t Number:		55
				Number:		8
Client:	хто	1		Shift Onsite Time:	2:30	am/pm
Location:	Nash 29	1		Shift Offsite Time:	2:00 PM	am/pm
Site Contact:	Bo Jackson	1		8-39-64-4-9-64-757	11.5	Total hrs.
Site Contact:	Chad Edwards	1	Present	Onsite Activities:		S WATER
		-				_
Processing Hrs	Today: 8.75 hrs	Cumulativ	e Processing	Hrs:	166.75	hrs
BBLS Processed	Today: 4,903 bbls	Cumulative	BBLS Proce	essed:	68,24	3 bbls
BBLS/Hr Proce	ssed: 560.3428571	Cumulative	BBLS/Hr Prod	cessed:	409.3	bbl/hr
Lead Supervisor:	Chad Edwards	Readings:	flow back	Volts/Amps	∠ pH	Turbidity
Lead Operator	Jason Distall	06:00		20v 100a	7.1	4.25
Crew	Eddie McGruder	10:00		20v 100a	7.08	4.03
	Sammy Dean	12:30		20v 100a	7.03	3.25
	Ray Lee	N/A		N/A	N/A	N/A
	Ken Ehler	N/A		N/A	N/A	N/A
Γ	Adam Pollard	N/A		N/A	N/A	N/A
	Eli Tangura			<u>'</u>		
Γ		Chemical	₩ Usage	Start Inv.	⊮End Inv.	On Order
		HcL Acid	505	3,163	2,658	
_		Sodium Hydroxide	508	1,490	982	
Visitors:	Bo Jackson					
Visitors:						
Visitors:						
Were there any abno No	mal operational issues onsi	te?				
No, supplies on order	nal supplies/equipment/need					
We are limited to appr and hopes to have tan	oximately 2,000 bbls/day incor ks full by 2:30 am.	ning produced water do to po	ower outages,	however, Bo Jacks	son expects th	at to change
Has client provided a	ny operational feedback (po	sitive or negative)?	Hallistyne Will	Minter of the second		
Person:	Bo Jackson	Company:	P 1 1 1111 11111111	~~	хто	
•	operation and understands the a possible 6,000 bbls/day.	at we are currently limited by	our incoming	supply of produced	l water. He ha	as been worki
Additional Com	ments					_
There were no chemic we will continue to rec housekeeping. Crew v	al adjustments needed today. I eive reduced rates of produce vill arive on location at 02:00 a ycle location. We will complet	d water depending on electri nticipating full tanks. We are	c company. C currently at 1	rew remained on lo 9,000 bbls in the p	ocation to perf oseidon tank	orm with an

Date:	8/5/2012		Dana-	Number:		56
Date.	8/3/2012			Number:		8
			37-011-02-03-04-04-04-04-04-04-04-04-04-04-04-04-04-			
Client:	XTO			hift Onsite Time:	6:00	am/pm
Location:	Nash 29			hift Offsite Time:	4:00 PM	am/pm
Site Contact:	Bo Jackson				11.5	Total hrs.
Site Contact:	Chad Edwards		Present	Onsite Activities	PROCES	SS WATER
Processing Hrs	Today: 6 hrs	Cumulátiv	re Processina	Hrs:	172.7	5 hrs
BBLS Processed	Today: 3,263 bbls			ssed:		6 bbls
BBLS/Hr Proce			25 m	essed:		bbl/hr
Lead Supervisor:	Chad Edwards	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator		08:00		20v 100a	7.1	5.12
Crew	Eddie McGruder	10:00		20v 100a	7.09	4.03
	Sammy Dean	12:30		20v 100a	7.11	4.05
F	Ray Lee	N/A		N/A	N/A	N/A
Ī	Ken Ehler	N/A		N/A	N/A	N/A
	Adam Pollard	N/A		N/A	N/A	N/A
-		Chemical	Usage	Start Inv.	End Inv.	On Ordei
		HcL Acid	326	2,658	2,332	Lawres - 1 hours (Salaria)
_		Sodium Hydroxide	331	982	651	
Visitors:	Bo Jackson	· · · · · · · · · · · · · · · · · · ·				
Visitors:						
Visitors:						
						nar - vor Isaa
	rmal operational issues onsite	7				
lo						
ro there any additio	nal supplies/equipment neede	d2 If so what itoms and	whon?	N.		
No, supplies on order	narsupplies/equipment neede	uran,su; what he ms and	Wileli Carrie			8.00 m
vo, cappiles on order						
			<u> </u>		*	
lave there been any	changes to the current schedu	ule, including volumes ne	eded by clien	t?		
No						
No	univ onerational foodback food	tive or negative)?		2.35	201 045 5	(Interior
No	any operational feedback (posi					
No	any operational feedback (posi	itive or negative)?			хто	
lo						

Date:	0/5/2012	I	ATTENDED TO THE	The second of the second second		
	8/6/2012		·····	Number: lumber:		57 8
			PRETORIAL AND ONLY	iuijioer:	•	0
Client:	хто			hift Onsite Time:	5:30	am/pm
Location:	Nash 29		SI	nift Offsite Time:	7:30 PM	am/pm
Site Contact:	Bo Jackson				11.5	Total hrs.
Site Contact:	Chad Edwards		Present	Onsite Activities:	PROCES	S WATER
Processing Hrs.	oday: 10.5 hrs	Cumulativ	e Processing	Hrs:	183.25	5 hrs
BBLS Processed	Today: 5,060 bbls	Cumulative	BBLS Proces	ssed:	76,566 bbls	
BBLS/Hr Proces	sed: 481.9047619	Cumulative	BBLS/Hr Proc	essed:	417.8	bbl/hr
Lead Supervisor:	Chad Edwards	Readings:	flow back	■Volts/Amps ■	рН *	Turbidity
Lead Operator	Sammy Dean	08:00		20v 100a	7.1	2.58
Crew	Eddie McGruder	10:00		20v 100a	7.01	2.25
<u> </u>	Ray Lee	14:00		20v 100a	7.05	2.06
<u> </u>	Chris Ray	16:00		20v 100a	7.09	1.89
<u> </u>	Reginald White	N/A		20v 100a	7	1.92
		N/A		N/A	N/A	N/A
		Chemical	Usage	Start Inv.	End Inv.	On Order
		HcL Acid	512	2,332	1,820	
		Sodium Hydroxide	379	651	272	
Visitors:	Bo Jackson					
Visitors:						
Visitors:					<u> </u>	<u> </u>
	0125 0 125c 0 12	7.2			James and National April Add Dangers and the	11.h0mm000742290mm0073.1.1
	mal operational issues onsite	?				
Vere there any abnor lo	mal operational issues onsite					
	mal operational issues onsite	?				and the second
lo					* 18. 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
io vre there any addition	al supplies/equipment neede	d? If so, what items and			* 18. 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
io vre there any addition		d? If so, what items and			* 18. 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
io vre there any addition	al supplies/equipment neede	d? If so, what items and			* 18. 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
ove there any addition Supplies have been or	ial supplies/equipment neede dered and will begin receiving to	d? If so, what items and o	when?			
re there any addition Supplies have been on Jave there been any	nal supplies/equipment neede dered and will begin receiving to changes to the current sched	d? If so, what items and omorrow ule; including volumes ne	when?	7		
re there any addition Supplies have been or lave there been any. Ve will be running a sp	ial supplies/equipment neede dered and will begin receiving to	d? If so, what items and omorrow ule including volumes he w. Bo Jackson will be out F	when?	7		
ve there any addition Supplies have been on lave there been any. Ve will be running a spossible, we will run m	nal supplies/equipment neede dered and will begin receiving to changes to the current sched blit shift on a trial basis tomorro	od? If so, what items and omorrow ule including volumes now. Bo Jackson will be out F suggestion.	when? eded by client riday-Monday;	7	pture as much	water as
ve there any addition Supplies have been on lave there been any. Ve will be running a spossible, we will run m	hal supplies/equipment neededered and will begin receiving to changes to the current schedolit shift on a trial basis tomorrow orning and evening shifts at his	od? If so, what items and omorrow ule, including volumes now. Bo Jackson will be out F suggestion.	when? eded by client riday-Monday;	so in order to ca	pture as much	water as
re there any addition supplies have been or lave there been any. Ve will be running a spossible, we will run manage of the control of the con	hal supplies/equipment neededered and will begin receiving to changes to the current schedolit shift on a trial basis tomorrow orning and evening shifts at his	od? If so, what items and omorrow ule including volumes now. Bo Jackson will be out F suggestion.	when? eded by client riday-Monday;	so in order to ca	pture as much	water as
ve there any addition supplies have been or lave there been any. Ve will be running a spossible, we will run madas client provided a Person:	nal supplies/equipment neededered and will begin receiving to the current schedolit shift on a trial basis tomorrow orning and evening shifts at his nay operational feedback (pos	od? If so, what items and opmorrow ule, including volumes now. Bo Jackson will be out F suggestion. itive or negative)?	when? eded by client riday-Monday;	so in order to ca	pture as much	water as

Date:	8/7/2012	ſ	Report	Number:		58	
		l		umber:		8	
Client:	XTO	ı	Ç,	nift Onsite Time:	6:00	am/pm	
Location:	Nash 29			ift Offsite Time:	12:00 PM	am/pm	
Site Contact:	Bo Jackson				18	Total hrs.	
Site Contact:	Paul Worley			Onsite Activities:		SS WATER	
Processing Hrs T	oday: 11 hrs	Cumulativ	e Processing I	Irs:	194	hrs	
BBLS Processed	Today: 5,560 bbls	Cumulative	BBLS Proces	sed:	82,1	82,126 bbls	
BBLS/Hr Proces	sed: 505.4545455	Cumulative	BBLS/Hr Proce	essed:	423.3	bbl/hr	
Lead Supervisor:	Paul Worley	Readings:	flow back	Volts/Amps	рН	Turbidity	
Lead Operator	Sammy Dean	08:00		100	6.89	1.43	
Crew	Eddie McGruder	10:00		100	6.93	0.89	
	Ray Lee	14:00		100	7.12	0.93	
	Chris Ray	16:00		100	7.24	1.23	
	Reginald White	18:00		100	7.1	1.56	
		N/A		N/A	N/A	N/A	
		Chemical	Usage	Start Inv.	End Inv.	On Orde	
		HcL Acid	375	3,750	3,375	eceived 4000	
		Sodium Hydroxide	420	1,200	780	Yes	
Visitors:	Bo Jackson						
Visitors:							
Visitors:							
					<u> </u>		
ere there any abnor	mal operational issues onsite	97			5.W		
)							
	nal supplies/equipment neede	ed? If so, what items and v	when?				
	ial supplies/equipment neede	ed? If so, what items and v	when?				
	ial supplies/equipment needs	ed? If so, what items and v	when?				
e there any addition	nal supplies/equipment neede						
e there any addition		ule, including volumes ne					
e there any addition	changes to the current sched	ule, including volumes ne					
e there any addition ve there been any o PLIT SHIFTS TO LET	changes to the current sched F DIRTY TANKS FILL IN BETW	lule, including volumes ne VEEN SHIFTS.		?	Property of Company		
e there any addition we there been any, PLIT SHIFTS TO LET	changes to the current sched	lule, including volumes ne VEEN SHIFTS.	eded by client				
e there any addition ve there been any o PLIT SHIFTS TO LET	changes to the current sched F DIRTY TANKS FILL IN BETW	ule, including volumes ne VEEN SHIFTS. itive or negative)?	eded by client	?	Property of Company		
e there any addition we there been any, PLIT SHIFTS TO LET	changes to the current sched F DIRTY TANKS FILL IN BETW ny operational feedback (pos	ule, including volumes ne VEEN SHIFTS. itive or negative)?	eded by client	?			

Date:	8/8/2012		Report	Number:		59
		[Unit N	lumber:		8
Client:	ХТО	1		hift Onsite Time:	6:00	am/pm
Location:	Nash 29			hift Offsite Time:	1:00 AM	am/pm
Site Contact:	Bo Jackson				19	Total hrs.
Site Contact:	Paul Worley		Present (Onsite Activities:	PROCE	SS WATER
Processing Hrs	Today: 12 hrs	Cumulativ	e Processina	Hrs:	206	hrs
BBLS Processed				ssed:		52 bbls
BBLS/Hr Proces		Cumulative I	BBLS/Hr Proc	essed:		bbl/hr
Lead Supervisor:	Paul Worley	Readings:	flow back	Volts/Amps	ρĤ	Turbidity
Lead Operator	Ken Erler	08:00		100	7.21	1.87
Crew - 🧷	Eddie McGruder	10:00		100	7.45	0.78
	Ray Lee	14:00		100	6.89	0.69
<u> </u>	Chris Perry	16:00		100	7.33	0.56
<u> </u>	Reginald White	18:00		100	7.1	1.34
<u> </u> -		N/A		N/A	N/A	N/A
		Chemical	Usage	€ ⊶Start Inv.	End Inv.	On Order
		HcL Acid	300	3,750	3,450	eceived 4000
C19. 17 Walt W. 2 111 100 0'0000000		Sodium Hydroxide	335	3,280	2,945	ceived 2500
Visitors:	Bo Jackson					<u> </u>
Visitors: Visitors:	· - · · · · · · · · · · · · · · · · · ·					
W. W. ISHOIS .						
/ere there any abno i o	mal operational issues onsite	5 ?				
re there any additio	nal supplies/equipment neede	ed? If so, what items and v	when?		49.	
	changes to the current sched T DIRTY TANKS FILL IN BETW		eded by client	7		
	ny operational feedback (pos		#		**************************************	Comment of the Commen
as client provided a	······································	Company:			XTO	
as Client provided a		s secompany.				

Date:	8/9/	2012		Report	Number:		60
					lumber:		8
Client:	<u>x</u> -	то	1		hift Onsite Time:	6:00	am/pm
Location:		h 29		20717 - W. W. W. W. W. W. W. W. W. W. W. W. W.	hift Offsite Time:	1:00 AM	am/pm
Site Contact:	· · · · · · · · · · · · · · · · · · ·	ackson				12	Total hrs.
Site Contact:		Worley			Onsite Activities:	PROCES	SS WATER
Processing Hrs	s Today:	8 hrs	Cumulativ	e Processing	Hrs:	214	hrs
BBLS Processe	d Today:	3,441 bbls	Cumulative	BBLS Proces	ssed:	89,69	93 bbls
BBLS/Hr Proc	essed:	430.125	Cumulative	BBLS/Hr Proc	essed:	419.1	bbi/hr
Lead Supervisor:	Paul	Worley	Readings:	flow back	Volts/Amps	рн	Turbidity
Lead Operator	Eddie M	1cGruder	08:00		100	6.97	1.87
Crew	Ray	/ Lee	10:00		100	6.78	0.78
	Chris	Perry	19:00		100	7.23	0.69
	Regina	ld White	21:00		100	6.89	0.56
			22:00		100	6.76	1.23
			N/A		N/A	N/A	N/A
-			Chemical	Usage	Start Inv.	End Inv.	On Order
			HcL Acid	351	3,450	3,099	no
•			Sodium Hydroxide	374	2,945	2,571	no
Visitors:	Bo Ja	ackson					
Visitors:							
Visitors:	 					<u></u>	İ
	•						
	ormal operatio	nal issues onsite	?		4.		
No							
Aro thoro any additi	onal eun niloe/	auinment neede	d? If so, what items and v	whon?			
Are there any additi	onal supplies/	equipment neede	u (m. 80), what items and t	WIIEII			
							_
, , , et l'ay, , wa raag pas ee e a A a	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	overstander var og grende og grende og grende og grende og grende og grende og grende og grende og grende og g			io.	Stumment Section Comments	Computation of the Control
SPLIT SHIFTS TO L	y changes to tr ET DIRTY TAN	KS FILL IN BETW	ile, including volumes ne EEN SHIFTS.	eaea by clien	(<i>(</i>		
Has client provided	any operation	al feedback (posi	tive or negative)?	distance of the Indian	why he follows		
Person:	*		Company:			хто	
Additional Cor	1000 1 10 1001 111 1101	DEVIEWED 104	DAN AS MUSICIANATES	AS ME CO!"	D EDOM DIDTY	TANKS AND	THEN SIDE
DOWNNIGHT	T SHIFT ARRIVI	ED AND CONTINU	RAN AS MUCH WATER JED CLEANING UNTIL TH				
WELL WITH MINOR	ADJUSTMENT	S TO THE CHEM	ICALS.				

Date:	8/10/2012	7	Bance	Number:		61
Date.	8/10/2012	_		Number:		8
		_				
Client:	XTO			hift Onsite Time:	6:00	am/pm
Location:	Nash 29			hift Offsite Time:	4:00 PM	am/pm
Site Contact:	Bo Jackson		with the state of		9	Total hrs.
Site Contact:	Paul Worley		Present	Onsite Activities:	PROCES	SS WATER
Processing Hrs	Today: 9 hrs	Cumulativ	ve Processina	Hrs:	223	hrs
BBLS Processed			e BBLS Proce		·	33 bbls
BBLS/Hr Proce		Cumulative	***************************************	***************************************		bbl/hr
Lead Supervisor:	Paul Worley	Readings:	Milow back	₩Volts/Amps	рн	Turbidity
Lead Operator	Eddie McGruder	08:00	Control Dacks	100	6.76	1.35
× Crew	Ray Lee	10:00	1	100	6.23	1.67
; w surrent a part	Chris Perry	12:00		100	7.12	1.98
-	Reginald White	14:00		100	6.52	1.32
	<u> </u>	N/A		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
		Chemical	Usage	Start Inv.	End Inv.	On Order
		HcL Acid	359	2,748	2,389	no
_		Sodium Hydroxide	403	2,197	1,794	no
Visitors:	Bo Jackson					
Visitors:						
Visitors:						
						···
	. 2017 - 2 000-00-000 - 200-2 00 11-00-00-00-00	site?				- 1
vere there any abno lo	rmai operational issues ons	site /				
re there any additio	nal supplies/equipment nee	eded? If so, what items and	when?			
		edule including volumes ne	eded by clien	t?		and the second of the second
lave there been any	changes to the current sch	icadic, molading volumes in	caca by onon	· sateman nataboration		
lave there been any	changes to the current sch					
lave there been any	changes to the current sch					
		ositive or negative)?	100 S 200 S 4 1 8 1 1	and the second		
	changes to the current sch	ositive or negative)?			хто	
las client provided						

	8/11/2012		Report	Number:		32
			Unit N			8
Client:	хто	1	ς	hift Onsite Time:	6:00	am/pm
Location:	Nash 29			nift Offsite Time:	6:00 PM	am/pm
Site Contact:	Bo Jackson				10	Total hrs.
Site Contact:	Paul Worley	İ	Present	Onsite Activities	PROCES	S WATER
Processing Hrs T	oday: 10 hrs	Cumulativ	e Processing	Hrs:	233	hrs
BBLS Processed 1		Cumulative	1110-10-1-1111 -1			2 bbls
BBLS/Hr Proces		Cumulative				bbl/hr
Lead Supervisor:	Paul Worley	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator	Eddie McGruder	08:00		100	6.87	1.97
Crew	Ray Lee	10:00		100	6.43	1.89
<u> </u>	Chris Perry	12:00		100	6.97	1.78
<u> </u>	Reginald White	14:00		100	6.89	1.43
_		16:00		100	6.76	1.56
		N/A		N/A	N/A	N/A
		Chemical	Usage	Start Inv.	End Inv.	On Order
		HcL Acid	385	2,389	2,004	no
		Sodium Hydroxide	411	1,794	1,383	no
Visitors:	Bo Jackson			 		
Visitors: Visitors:						
Visitors:	I				· · · · · ·	
Vere there any abnori	nal operational issues onsite	?		•		
re there any addition	al supplies/equipment neede	d? If so, what items and v	when?			
The same of the sa	Name and Additional Control of the C	100 March 1900 1900 1900 1900 1900 1900 1900 190	and the second of the second			
ave there been any c	hanges to the current schedu	ule, including volumes ne	eded by clien	7		
		tive or negative)?			Fire	
	iy/operational/reedback/(posi		244 CAT OF VITTE STREET, MICH.		V=-	
las client provided ar	ny operational reedback (posi	Company:			хто	

Date:	8/12/2012	ĺ		Number:	6	33
				umber:		8
Client:	хто	ſ		nift Onsite Time:	6:00	am/pm
Location:	Nash 29			ift Offsite Time:	6:00 PM	am/pm
Site Contact:	Bo Jackson			int Offsite finite.	16 hrs	Total hrs.
Site Contact:	Paul Worley			Onsite Activities:		S WATER
One Contact.	1 au vvoney		SEE TOPICIOSCIE!	on one of the original original original original original original original original original original origin	110020	OWNER
Processing Hrs	Today: 16 hrs	Cumulativ	e Processing I	Hrs:	239	hrs
BBLS Processed	Dr	Cumulative			101,32	21 bbls
BBLS/Hr Proces		Cumulative	BBLS/Hr Proce	essed:		bbl/hr
Lead Supervisor:	Paul Worley	Readings:	flow back	Volts/Amps	рH	Turbidity
Lead Operator	Eddie McGruder	08:00 .		100	6.87	1.97
Crew	Ray Lee	10:00		100	6.43	1.89
	Chris Perry	12:00		100	6.97	1.78
	Reginald White	14:00		100	6.89	1.43
		16:00		100	6.76	1.56
F		N/A		N/A	N/A	N/A
ļ		Chemical	Usage	Start Inv.	End Inv.	On Orde
		HcL Acid	350	2,004	1,654	no
_		Sodium Hydroxide	411	1,794	1,383	no
Visitors:	Bo Jackson					
Visitors:						
Visitors:						
	mal operational issues onsite	97		.		
	nal supplies/equipment neede	ed? If so, what items and	when?			
e there any addition	nal supplies/equipment needs changes to the current sched	ule, including volumes ne	eded by client	?		
ave there been any o	changes to the current sched	ule, including volumes ne	eded by client	?		

Date:	8/13/20	112	ſ	Report	Number		64
Date.	. 0/13/20	312			lumber:		8 .
			•				
Client:	хто	,	[S	hift Onsite Time:	6:00	am/pm
Location:	Nash :	29		S	hift Offsite Time:	6:00 PM	am/pm
Site Contact:	Bo Jack	son				12 hrs	Total hrs.
Site Contact:	Paul Wo	orley		Present	Onsite Activities:	PROCES	S WATER
Processing Hrs	Today:	12 hrs	Cumulativ	e Processina	Hrs:	235	hrs
BBLS Processed		1,735 bbls			ssed:		56 bbls
BBLS/Hr Proce		94.5833333	Cumulative	BBLS/Hr Proc	essed:		bbl/hr
Lead Supervisor:	Paul Wo		Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator	Eddie Mc0		08:00		100	6.87	1.97
Crew	Ray L		10:00		100	6.43	1.89
<u> </u> _	Chris P		12:00		100	6.97	1.78
L	Reginald	White	14:00		100	6.89	1.43
_			16:00		100	6.76	1.56
 			N/A		N/A	N/A	N/A
			Chemical	Usage 🚜	Start Inv.	End Inv.	On Order
L			HcL Acid	405	2,004	1,599	no
			Sodium Hydroxide	411	1,794	1,383	no
Visitors:	Bo Jack	son					
Visitors: Visitors:							
SK SK VISILOIS: SK SK SK SK SK SK SK SK SK SK SK SK SK							
Vere there any abno	rmal operationa	l issues onsite		Jun			
lo							
ro thoro and additio	matterimatice/od	.,	d? If so, what items and v	uhon2			
we there any adding	mai supplies/eq	uipilielit lieeue	urin so, what items and v	viieii /			
lave there been any	changes to the	current schedi	ule, including volumes ne	eded by clien	<u> </u>		
		7.00			- agent in monotoner annae. King	***************************************	
las client provided a	any operational	feedback (posi	tive or negative)?		I	VIO	
r Crauli.			Company:		3	XTO	

Date:	8/14/2012		Report	Number:		65
and quality and a second	-,,			lumber:		8
Client:	ХТО			hift Onsite Time:	6:00	am/pm
Location:	Nash 29			hift Offsite Time:	6:00 PM	am/pm
Site Contact:	Bo Jackson				14 hrs	Total hrs.
Site Contact:	Sammy Deam		Present	Onsite Activities	PROCES	S WATER
Processing Hrs		Cumulativ			251	hrs
BBLS Processed			e BBLS Proces			64 bbls
BBLS/Hr Proce	essed: 429.14285	1 Cumulative	BBLS/Hr Proc	essed:	446.5	bbl/hr
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	pН	Turbiditý
Lead Operator	Eddie McGruder	08:00		100	6.87	1.97
Crew	Ray Lee	10:00		100	6.43	1.89
<u> </u>	Chris Perry	12:00		100	6.97	1.78
Ļ	Reginald White	14:00		100	6.89	1.43
-		16:00		100	6.76	1.56
		N/A		N/A	N/A	N/A
		Chemical	Usage	Start Inv.	End Inv.	On Order
		HcL Acid	525	2,004	1,479	no
		Sodium Hydroxide	598	1,794	1,196	no
Visitors:	Bo Jackson					
Visitors:					<u> </u>	
Visitors:			<u> </u>	<u> </u>		l
-2007001 - 3.5 C. Don't ggg/gg 0000-00-gg-17 - 000-1-4	Andrew Television of the Section of					
Vere there any abno No	rmal operational issues:	nsite?				
re there any addition	onal supplies/equipment	eeded? If so, what items and	when?	11.00		
		·				
lave there been any	changes to the current s	chedule, including volumes ne	eded by clien	t?	EU (VIII-UM)	
		·				
		(positive or negative)?				4.540.00
	any operational feedback	Commonii		[VTO	
las client provided	any operational feedback	Company:			XTO	

Client: XTO	Date:						
Client: XTO		8/15/2012					_
Site Contact: Bo Jackson Site Contact: Bo Jackson Site Contact: Bo Jackson Processing Hrs Today: 16 hrs BBLS Processed Today: 7,282 bbls BBLS/Hr Processed: 455,125 Lead Supervisor: Sammy Dean Crew Ray Lee 10:00 100 6.87 1.97 Crew Ray Lee 10:00 100 6.87 1.97 Reginald White 14:00 100 6.89 1.43 16:00 100 6.76 1.56 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A			Į	Unit N	lumber:		8
Site Contact: Sammy Deam Processing Hrs Today: 16 brs BBLS Processed Today: 7,282 bbls BBLS Processed Today: 7,282 bbls BBLS Processed: 119,346 bbls Cumulative BBLS	Client:	XTO	7 ,	SI STANGER	hift Onsite Time:	6:00	am/pm
Processing Hrs. Today 16 hrs BBLS Processed 119,346 bbls	Location:	Nash 29		SI SI	nift Offsite Time:	6:00 PM	am/pm
Processing Hrs Today							Total hrs.
BBLS Processed: 119,346 bbls BBLS/Hr Processed: 119,346 bbls BBLS/Hr Processed: 447.0 bbl/hr 455.125 Cumulative BBLS/Hr Processed: 447.0 bbl/hr 455.125 Cumulative BBLS/Hr Processed: 447.0 bbl/hr 447.0 bbl/	Site Contact:	Sammy Deam		Present (Onsite Activities:	PROCES	SS WATER
BBLS Processed: 119,346 bbls BBLS/Hr Processed: 119,346 bbls BBLS/Hr Processed: 447.0 bbl/hr 455.125 Cumulative BBLS/Hr Processed: 447.0 bbl/hr 455.125 Cumulative BBLS/Hr Processed: 447.0 bbl/hr 447.0 bbl/	Processing Hrs 1	Today: 16 hrs	Cumulativ	e Processing	Hre:	267	hrs
Lead Supervisor: Sammy Dean Readings: Iflow back Volts/Amps pH Turbidity							
Crew Ray Lee 10:00 100 6.87 1.97							
Crew Ray Lee 10:00 100 6.87 1.97	Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	рH	Turbidity
Chris Perry 12:00							
Reginald White 14:00 100 6.89 1.43 16:00 100 6.76 1.56 N/A N/A N/A Chemical HcL Acid 525 2,004 1,479 no Sodium Hydroxide Sodium Hydroxide Sodium Hydroxide Sodium Hydroxide Visitors: Visitors: Visitors: Were there any abnormal operational issues onsite? No Are there any additional supplies/equipment needed? If so, what items and when? Have there been any changes to the current schedule, including volumes needed by client? Has client provided any operational feedback (positive or negative)? Person: Additional Comments	Crew	Ray Lee	10:00		100	6.43	1.89
16:00		Chris Perry	12:00		100	6.97	1.78
N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A		Reginald White	14.00				
Chemical Usage Startinv. End inv. On Order HcL Acid 525 2,004 1,479 no Sodium Hydroxide 598 1,794 1,196 no Visitors: Visitors: Visitors: Were there any abnormal operational issues onsite? No Are there any additional supplies/equipment needed? If so, what items and when? Have there been any changes to the current schedule, including volumes needed by client? Has client provided any operational feedback (positive or negative)? Person: Company: XTO							
Hct Acid 525 2,004 1,479 no Sodium Hydroxide 598 1,794 1,196 no Visitors: Visitors: Visitors: Were there any abnormal operational issues onsite? No Are there any additional supplies/equipment needed? If so, what items and when? Have there been any changes to the current schedule, including volumes needed by client? Has client provided any operational feedback (positive or negative)? Person: Company: XTO	-		N/A		N/A	N/A	N/A
Sodium Hydroxide 598 1,794 1,196 no Visitors: Visitors: Were there any abnormal operational issues onsite? No Are there any additional supplies/equipment needed? If so, what items and when? Have there been any changes to the current schedule, including volumes needed by client? Has client provided any operational feedback (positive or negative)? Person: Company: XTO			Chemical	Usage	Start Inv.	End Inv.	On Order
Visitors: Visitors: Visitors: Were there any abnormal operational issues onsite? No Are there any additional supplies/equipment needed? If so, what items and when? Have there been any changes to the current schedule, including volumes needed by client? Has client provided any operational feedback (positive or negative)? Person: Company: XTO			HcL Acid	525	2,004	1,479	no
Visitors: Were there any abnormal operational issues onsite? No Are there any additional supplies/equipment needed? If so, what items and when? Have there been any changes to the current schedule, including volumes needed by client? Has client provided any operational feedback (positive or negative)? Person: Company: XTO			Sodium Hydroxide	598	1,794	1,196	no
Were there any abnormal operational issues onsite? No Are there any additional supplies/equipment needed? If so, what items and when? Have there been any changes to the current schedule, including volumes needed by client? Has client provided any operational feedback (positive or negative)? Person: Company: XTO		Bo Jackson	_				
Were there any abnormal operational issues onsite? No Are there any additional supplies/equipment needed? If so, what items and when? Have there been any changes to the current schedule, including volumes needed by client? Has client provided any operational feedback (positive or negative)? Person: Company: XTO							
Are there any additional supplies/equipment needed? If so, what items and when? Have there been any changes to the current schedule, including volumes needed by client? Has client provided any operational feedback (positive or negative)? Person: Company: XTO	Visitors:					l	l
Have there been any changes to the current schedule, including volumes needed by client? Has client provided any operational feedback (positive or negative)? Person: Additional Comments		VIII. VIII.	sito?				Same Makes Commission
Have there been any changes to the current schedule, including volumes needed by client? Has client provided any operational feedback (positive or negative)? Person: Additional Comments		mal operational issues ons	one i	38			
Have there been any changes to the current schedule, including volumes needed by client? Has client provided any operational feedback (positive or negative)? Person: Additional Comments		mal operational issues on:		32			
Has client provided any operational feedback (positive or negative)? Company: XTO	Were there any abnor No	mal operational issues on:					
Has client provided any operational feedback (positive or negative)? Company: XTO	No						
Has client provided any operational feedback (positive or negative)? Company: XTO	No						
Has client provided any operational feedback (positive or negative)? Company: XTO	No						
Person: Company: XTO Additional Comments	No Are there any addition	nal supplies/equipment nec	eded? If so, what items and v	vhen?			
Person: Company: XTO Additional Comments	No Are there any addition	nal supplies/equipment nec	eded? If so, what items and v	vhen?			
Person: Company: XTO Additional Comments	No Are there any addition	nal supplies/equipment nec	eded? If so, what items and v	vhen?			
Additional Comments	No Are there any addition	nal supplies/equipment nec	eded? If so, what items and v	vhen?			
	Are there any addition Have there been any o	nal supplies/equipment nee	eded? If so, what items and v nedule, including volumes ne nositive or negative)?	when?	7		
	Are there any addition Have there been any o	nal supplies/equipment nee	eded? If so, what items and v nedule, including volumes ne nositive or negative)?	when?	7		
	Are there any addition Have there been any of the second and the	nal supplies/equipment nee changes to the current sch ny operational feedback (p	eded? If so, what items and v nedule, including volumes ne nositive or negative)?	when?	7		

Date:	8/16/2012		Report	Number:	(67
		_	Unit I	Number:		8
Client:	VTO	7		t constant in the	c.00 I	/
Location:	XTO Nash 29	4	X-7-12-13-13-13-13-13-13-13-13-13-13-13-13-13-	hift Onsite Time:	6:00 6:00 PM	am/pm
Site Contact:	Bo Jackson	\dashv		hift Offsite Time:	11 hrs	am/pm Total hr
Site Contact:	Sammy Deam	_		Onsite Activities		S WATER
Processing Hrs			ve Processing		278	hrs
BBLS Processed		Cumulativ				02 bbls
BBLS/Hr Proces	ssed: 277.8181818	Cumulative	BBLS/Hr Proc	essed:	436.7	bbl/hr
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	рН	Turbidit
Lead Operator	Eddie McGruder	08:00		100	6.87	1.97
Crew Crew	Ray Lee	10:00		100	6.43	1.89
	Chris Perry	12:00		100	6.97	1.78
	Reginald White	14:00		100	6.89	1.43
		16:00		100	6.76	1.56
_		N/A		N/A	N/A	N/A
-		Chemical	Usage	Start Inv.	End Inv.	On Ord
		HcL Acid	355	1,479	1,124	no
		Sodium Hydroxide	266	1,196	930	Yes
Visitors:	Bo Jackson					
Visitors:						
Visitors:				<u> </u>		
ere there any abno	rmal operational issues on	site?				
0						
		eded? If so, what items and	when?			
re there any additio	nal supplies/equipment ne					
re there any additio	nal supplies/equipment ne					
re there any additio	nal supplies/equipment ne					
			eeded by clien			Same Paris Si
		edule, including volumes n	eeded by clien	v	T., and the second	
			eeded by clien	17		
lave there been any	changes to the current scl	edule, including volumes n				
lave there been any las client provided a	changes to the current scl	edule, including volumes n	and the second s		Section 1885 - Inc. Colored	
ave there been any	changes to the current scl	edule, including volumes n	and the second s			

G&K. Had to repair 4 "valve screws broke off. Bought to C Clamps to fix valve. Acid arrive to location. Third party truck broke down on location.

	8/17/2012		Renort	Number:		88
Date:	0/1//2012			lumber:		8
			<u> </u>			
Client:	XTO			nift Onsite Time:	6:00	am/pm
Location:	Nash 29		200000	nift Offsite Time:	6:00 PM	am/pm
Site Contact:	Bo Jackson		7-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		4 hrs	Total hrs.
Site Contact:	Sammy Deam		Present (Onsite Activities	PROCES	S WATER
Processing Hrs	foday: 4 hrs	Cumulativ	ve Processing	Hrs:	282	hrs
BBLS Processed	Today: 1,009 bbls	Cumulativ	e BBLS Proces	ssed:	122,41	L1 bbls
BBLS/Hr Proces	sed: 252.25	Cumulative	BBLS/Hr Proc	essed:	434.1	bbl/hr
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator	Eddie McGruder	08:00		100	6.87	1.97
Crew 🔆	Ray Lee	10:00		100	6.43	1.89
	Chris Perry	12:00		100	6.97	1.78
	Reginald White	14:00		100	6.89	1.43
		16:00		100	6.76	1.56
_		N/A		N/A	N/A	N/A
		Chemical	Usage	Start Inv.	End Inv.	On Order
		HcL Acid	150	1,124	974	no
		Sodium Hydroxide	130	3,930	3,800	Yes
Visitors:	Bo Jackson					
Visitors:						
Visitors:			ļ			
Vere there any abnor	mal operational issues onsite					
re there any addition						
	changes to the current schedu	ule, including volumes ne	eeded by client	?		
ave there been any	changes to the current schedi					

Date:	8/18/2012		Report	Number:	(69
		[Unit N	lumber:		8
Client:	хто	[······································	hift Onsite Time:	6:00	am/pm
Location:	Nash 29	Ì		nift Offsite Time:	6:00 PM	am/pm
Site Contact:	Bo Jackson				6 hrs	Total hrs.
Site Contact:	Sammy Deam		Present (Onsite Activities:	PROCES	S WATER
Processing Hrs T	oday: 6 hrs	Cumulativ	e Processing	Hrs:	288	hrs
BBLS Processed			BBLS Proces			96 bbls
BBLS/Hr Proces				essed:		bbl/hr
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator	Eddie McGruder	08:00		100	6.87	1.97
Crew	Ray Lee	10:00		100	6.43	1.89
<u></u>	Chris Perry	12:00		100	6.97	1.78
_	Reginald White	14:00		100	6.89	1.43
<u> </u>		16:00		100	6.76	1.56
		N/A		N/A	N/A	N/A
		Chemical	Usage	Start Inv.	End Inv.	On Order
<u> </u>		HcL Acid	305	974	669	yes
out the state of t	Ba tastasaa	Sodium Hydroxide	250	3,800	3,550	No
Visitors:	Bo Jackson					
Visitors: Visitors:						ļ
Were there any abnor	mal operational issues onsite	7.				
No.						
Are there any addition	nal supplies/equipment neede	d? If so, what items and y	when?	3.2	i za zak	
•		XX.10				
lave there been any	changes to the current schedu	de including volumes no	eded by clien	12	invasio e il il mag	
lave there been any	Juniges to the Journal of Samuel	ne, metading volumes no				NA
dae client provided a	ny operational feedback (posit	tive or negative)?			Processassing a strongens	ware State Company
Person:	ny operational records (positi	Company:			хто	
Additional Comm	nents					

	2/12/222	Í	Santa State of the Control of the Co	r_ en no e Compression I		
Date:	8/19/2012		Report Unit N	Number: lumber:		70 8
		'				
Client:	хто	!	ń S	hift Onsite Time:	6:00	am/pm
Location:	Nash 29			hift Offsite Time:	6:00 PM	am/pm
Site Contact:	Bo Jackson				4 hrs	Total hrs.
Site Contact:	Sammy Deam		Present	Onsite Activities	PROCES	S WATER
Processing Hr		Cumulativ			292	hrs
BBLS Processe		Cumulative				05 bbls
BBLS/Hr Proc	essed: 252.25	Cumulative	BBLS/Hr Proc	essed:	432.6	bbl/hr
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	Д	Turbidity
Lead Operator	Eddie McGruder	08:00		100	6.87	1.97
Crew	Ray Lee	10:00		100	6.43	1.89
	Chris Perry	12:00		100	6.97	1.78
	Reginald White	14:00		100	6.89	1.43
		16:00		100 N/A	6.76 N/A	1.56 N/A
		N/A		N/A	IN/A	N/A
		Chemical	Usage	Start Inv.	End Inv.	On Order
		HcL Acid	125	3,669	3,544	yes
		Sodium Hydroxide	150	3,550	3,400	No
Visitors:	Bo Jackson					
Visitors:						
Visitors:						
Were there any abn	ormal operational issues onsite	?	3894	Sign Sign		ar variation
No	minum (Careta C. Spini) Summer to the Art Careta Ca	2000 St. Market and St. Market St				
	we have make assess a construction and provide the construction of the construction					
Are there any addit	ional supplies/equipment neede	o 7 it so; what items and t	wnen			
					(
Have there been an	y changes to the current schedu	ule, including volumes ne	eded by clien	t?		
						
Has client provided	any operational feedback (posi	tive or negative)?				
Person:		Company:			XTO	angere on the State Seeming of State Seeming States
				•		
Additional Co	mmants					
Auditional Co	mmen o sea e					
Shut down due to cr	acked 4" Tee .Shut down system to	o fix leak. Returned to proc	essing water			

Dispersional and the country processes and the country of the coun					V-1000 Accommon 11000 April		
Date:	8/20/2	012			Number:		71
			l	Unit_N	lumber:		8
Client:	хто	5		ς	hift Onsite Time:	6:00	am/pm
Location:	Nash				nift Offsite Time:	6:00 PM	am/pm
Site Contact:	Bo Jacl					12 hrs	Total hrs.
Site Contact:	Sammy I				Onsite Activities		enance
Maint on Unit							
Processing Hrs	Foday:	0 hrs	Cumulativ	e Processing	Hrs:	292	hrs
BBLS Processed	Today:	0 bbls	Cumulative	BBLS Proces	ssed:	126,30)5 bbls
BBLS/Hr Proces	sed:	#DIV/0!	Cumulative l	BBLS/Hr Proc	essed:	432.6	bbl/hr
Lead Supervisor:	Sammy	Dean	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator	Eddie Mc		08:00		100	6.87	1.97
Crew	Ray L		10:00		100	6.43	1.89
	Chris P	erry	12:00	- 1	100	6.97	1.78
	Reginald	White	14:00		100	6.89	1.43
			16:00		100	6.76	1.56
			N/A		N/A	N/A	N/A
-			Chemical	Usage	Start Inv.	End Inv.	On Order
<u> </u>			HcL Acid	0	3,544	3,544	yes
			Sodium Hydroxide	0	3,400	3,400	No
Visitors:	Bo Jac	kson					
Visitors:							
Visitors:							
Were there any abnor	mal operation	il issues onsit	e?				
No							
A A STATE OF THE S				uho na	Society - Developin	Carried States	
Are there any additio	nal supplies/eq	uipment need	ed? If so, what items and v	vhen?	TEKNIDES TANKSEN		
Are there any addition	nal supplies/eq	uipment need	ed? If so, what items and v	vhen?	ACIDEC PROVE	SPIA-CLUE A	
			ed? If so, what items and v				
Have there been any Has client provided a	changes to the	current sched	lule, including volumes ne	eded by client			
Have there been any	changes to the	current sched	lule, including volumes ne	eded by client			
Have there been any Has client provided a	changes to the	current sched	lule, including volumes ne	eded by client			

Date:	8/21	./2012	[Report	Number:	 .	72
	5,22	7222		Unit I	lumber:		8
Client:	X	TO		S S	hift Onsite Time:	5:00	am/pm
Location:	Nas	sh 29			hift Offsite Time:	11:00 PM	am/pm
Site Contact:		ackson	ļ		3,975/3/3/3	18 hrs	Total hrs.
Site Contact:	Samn	ny Dean	!	Present	Onsite Activities:	PROCES	SS WATER
Processing Hrs	Today	8 hrs	Cumulativ	o Proceeling	Hrs:	300	hrs
BBLS Processed		3,208 bbls		BBLS Proce			13 bbls
BBLS/Hr Proce		* 401	Cumulative			<u>_</u>	bbl/hr
	, (;2) ₍ (dans)		Av. (200 Tip Young St.), 100		www.commission		
Lead Supervisor:	Samn	ny Dean	Readings:	flow back	Volts/Amps	pН	Turbidity
Lead Operator	Chris	s Perry	16:30		110	7.54	0.64
Crew	Regina	ald White	18:30		110	7	1.67
<u> </u>			20:30		110	7.02	1.67
-			22:30		110	7.34	1.25
-			N/A N/A		N/A N/A	N/A N/A	N/A N/A
-			IN/A		IN/A	IN/A	IN/A
			Chemical	Usage	Start Inv.	End Inv.	On Order
-			HcL Acid	400	5,300	4,900	No
_			Sodium Hydroxide	350	2,980	2,630	No
Visitors:	Bo J	ackson					
Visitors:							
Visitors:				:			
							
n nameny ne sa garangsyarana	ensessere generalis	AMERICAN STREET		Sincer I Marketinger	SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	Firm Class Actions	
were there any abno No	ormai operatio	mai:issues.onsite	97		V,Ne@SS		1.00
NO							
NO							
NO				······································			
	onal supplies/	equipment neede	d? If so, what items and v	when?	Sec.		
Are there any addition	onal supplies/	equipment needs	d? If so, what items and v	when?			
Are there any addition	onal supplies/	equipment neede	ed?.lf so, what items and v	when?	X N. S.	Han View	
Are there any additio No							
Are there any addition No Have there been any			ed? If so, what items and v				
Are there any additio No							
Are there any addition							
Are there any additions No Have there been any	y changes to t	he current sched	ule, including volumes ne	eded by clien			
Are there any additions No Have there been any NO Has client provided	y changes to t	he current sched	ule, including volumes ne	eded by clien			
Are there any additions No Have there been any NO	y changes to t	he current sched	ule, including volumes ne	eded by clien			
Are there any addition No Have there been any NO Has client provided Person:	y changes to t	he current sched	ule, including volumes ne	eded by clien			
Are there any addition No Have there been any NO Has client provided Person:	y changes to t	he current sched	ule, including volumes ne	eded by clien			

• • •						
Date:	8/22/2012	1	Donord	Number:	1	73
Date.	8/22/2012			Number:		8
		'	Jan Strategic Cinc I	Aumber.		
Client:	XTO			hift Onsite Time:	9:00	am/pm
Location:	Nash 29			hift Offsite Time:	4:00 PM	am/pm_
Site Contact:	Bo Jackson				7 hrs	Total hrs.
Site Contact:	Sammy Dean	1	Present	Onsite Activities:	PROCES	SS WATER
Processing Hr	s Today: 3 hrs	Cumulativ	e Processing	Hrs:	303	hrs
BBLS Processe				ssed:	130,9	32 bbls
BBLS/Hr Proc		Cumulative	BBLS/Hr Proc	essed:	432.1	bbl/hr
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	¥≝ pH ″	Turbidity
Lead Operator	Chris Perry	11:30		110	7.69	1.94
Crew	Reginald White	13:30		110	6.98	0.44
		15:30		110	7	1.67
		15:44		110	6.89	0.24
		N/A		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
		Chemical	Usage	Start Inv.	End Inv.	On Order
		HcL Acid	200	4,900	4,700	No
		Sodium Hydroxide	175	2,630	2,455	No
Visitors:	Bo Jackson					
Visitors:						
Visitors:						
	ormal operational issues onsite	7				
	ional/supplies/equipment neede	d?.lf so, what items and v	when?	One layer transfer transfer to the layer transfer to the layer transfer to the layer transfer to the layer transfer to the layer transfer to the layer to the layer transfer transfe		3.423, %
No						
Have there been an NO	y changes to the current sched	ule, including volumes ne	eded by clien	t?		Har Turk
Has client provided Person:	lany operational feedback (posi	itive or negative)?			XTO	
No	· ·				,	
Additional Co	mments	· · · · · ·				
Poseidon tank is full,	, will not send more water to this t	tank till date of frac job. Sta	rted filling hold	ding tanks.		

Date:	9/22	/2012	1	Ponce	NOTE LESS TO SERVICE	1	74
Date.	8/23	/2012			Number:		8
			•		<u> </u>		
Client:	X	то		- S	hift Onsite Time:	10:00	am/pm
Location:	Nas	sh 29		Kerringer 1 may 1	hift Offsite Time:	7:00 PM	am/pm
Site Contact:		ackson				9 hrs	Total hrs.
Site Contact:	Samm	y Dean		Present	Onsite Activities:	PROCES	SS WATER
Processing Hr	s Today:	5 hrs	Cumulativ	e Processina	Hrs:	308	hrs
BBLS Processe		2,648 bbls	Cumulative				80 bbls
BBLS/Hr Proc		529.6	Cumulative	BBLS/Hr. Proc	essed:		bbl/hr
400000 AC 40000 . 92 466, 2466 AC AC AC			manufacture of the state of the	Landi 1779 - est 1870 con 1870 co	200 C 100 ST 1 200 ST 100 C	Londo	CONSOCIATION CONTINUES AND A TOTAL SIZE AND ADDRESS.
Lead Supervisor:		ny Dean		flow back	Volts/Amps	pH	Turbidity
Lead Operator Crew		Perry	13:00 15:00		110 110	6.44 7.03	1.05 0.381
ALLY YOUR CIEW	Regina	id vviite	17:00		110	7.03	0.561
			18:00		110	7	0.553
			N/A		N/A	N/A	N/A
			N/A		N/A	N/A	N/A
			Chemical	Usage	Start Inv.	End Inv.	On Order
			HcL Acid	150	4,700	4,550	No
	5 .		Sodium Hydroxide	375	2,455	2,080	No
Visitors: Visitors:	Bo Ja	ackson				1	
Visitors:							
promotion • 10 tt O 10 to promotion part					I	1	
Were there any abn	ormal operatio	nal issues onsite	?				
Rain and wind							
Are there any additi	ional supplies/e	equipment neede	d? If so, what items and v	when?			
No							
Have there been an	y changes tổ th	ne current schedi	ule, including volumes ne	eded by client	7		
NO							
Has client provided	any operation	al feedback (posi					
Person: No			Company:		<u> </u>	хто	
Additional Cor	mments						
Filled holding tanks t	to 13 feet as per	Bo Jackson's instru	uctions. All tanks are full w	aiting for Frac c	late.		

					<u> </u>	
High, 200, 200, 1111, 11		ı	Con-Continue of 1270 - 464, 556	F WALK-C. WAREHOUSE CONTINUES		
Date:	8/24/2012			Number:		75
			Unit	lumber:		8
Client:	хто		S	hift Onsite Time:	10:00	am/pm
Location:	Nash 29		S. S	hift Offsite Time:	7:00 PM	am/pm
Site Contact:	Bo Jackson				9 hrs	Total hrs.
Site Contact:	Sammy Dean		Present	Onsite Activities:	PROCES	SS WATER
İ						
		Service Silver	No. Citation	• • 11. (mail@as44) 4. mail.	308	hrs
Processing Hr				Hrs: ssed:		nrs 80 bbls
BBLS Processe BBLS/Hr Proc			- <u> </u>	essed:		bbl/hr
BBL3/HI-FIOU	esseu.	Cumulative	BBL3/HI FIOC	esseu.	433.7	DDMIN
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator	Chris Perry	13:00		N/A	N/A	N/A
∴ Crew	Reginald White	15:00		N/A	N/A	N/A
	Ü	17:00		N/A	N/A	N/A
		18:00		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
		Chemical	Usage	Start Inv.	End Inv.	On Order
		HcL Acid	0	4,700	4,550	No
		Sodium Hydroxide	0	2,455	2,080	No
Visitors:	Bo Jackson					
Visitors:						
Visitors:					L	
and the second s	management and community of the state of the state of the state of	· American street and the street and		4.560		
Were there any abn	ormal operational issues onsite	e7				
INO						
Are there any addit	ional supplies/equipment need	od2 If co. what itoms and	when?			
No	ional supplies/equipment need	eur. II 30, what items and	W. (60.1)		SIA-BRANSON	
Have there been an	y changes to the current sched	lule, including volumes ne	eded by clien	t?	3,000	
NO			-			
	any operational feedback (pos					377
Person:		Company:		<u> </u>	XTO	
No						
	dinderion					
Additional Co	mments					

Fixed 4" line for system one on Brown Bear. Spoke with Mr. Bo Jackson, about how Oil got into Poseidon tank. He is not for sure, but do know that there was 3 rd party trucks taking water from XTO Nash Draw Unit # 47 H and unloading it in Poseidon tank. Do not know if those trucks was clean before doing this. Took samples of influent and enfluent, took to Hobbs Yard to be sent to Houston. Poseidon tank is at 136.5" at this time. Recommend to not suck Poseidon tank no lower than 10 inches for frac job.

, , , , , , , , , , , , , , , , , , ,		**					
Date:	8/25/20	212	ĺ	- Dana	Number:		 76
Date.	8/25/20	012			Number: lumber:	,	8
			'	22,000,00000000000000000000000000000000			
Client:	хто			S	hift Onsite Time:	8:00	am/pm
Location:	Nash 2	29			hift Offsite Time:	5:00 AM	am/pm
Site Contact:	Bo Jack	son				9 hrs	Total hrs.
Site Contact:	Sammy [Dean		Present	Onsite Activities:	Maint	tenance
Processing Hr	s Today:	0 hrs	Cumulativ	e Processing	Hrs:	308	hrs
BBLS Processe	ed Today:	0 bbls	Cumulative	BBLS Proce	ssed:	133,5	80 bbls
BBLS/Hr.Proc	essed:	0	Cumulative	BBLS/Hr Proc	essed:	433.7	bbl/hr
Lead Supervisor:	Sammy [Dean	Readings:	flow back	Volts/Amps (pН	Turbidity
Lead Operator	Chris Pe		13:00		N/A	N/A	N/A
Crew	Reginald '		15:00		N/A	N/A	N/A
			17:00		N/A	N/A	N/A
			18:00		N/A	N/A	N/A
			N/A		N/A	N/A	N/A
			N/A		N/A	N/A	N/A
			Ci Ci Ci Ci Ci Ci Ci Ci Ci Ci Ci Ci Ci C	MONRY CONTRACTOR	Language Control of the Control of t		I a a a a a
				Usage	 	End Inv.	On Order
			HcL Acid	0	4,700	4,550	No
Visitors:	Bo Jack	eon 1	Sodium Hydroxide	0	2,455	2,080	No
Visitors:	BO Jack	.5011					
Visitors:							
* CC 8/4 - C - C - C - C - C - C - C - C - C -				ı			
							· · · · · ·
Were there any abn	ormal operationa	l issues onsite	?				
No							
							.,,,
Are there any addit	ional supplies/equ	uipment neede	d? If so, what items and	when?			W-15
No							
Have there been an	y changes to the	current sched	ule, including volumes ne	eded by clien	1?		
NO	y a same processor				THE PARTY OF		
Has client provided	l any operational	feedback (nos	itive or negative)?		uci za staty kraj		
Person:		. coupaon (pos	Company:			хто	aveniving in the control of the cont
No			2000000000000000000000000000000000000	The state of the s	· I		
Additional Co	mments						
id not run today all	l equipment is filled	d. Water in wei	r tanks is clear. Trying to ge	t a pressure wa	isher to clean out	Brown Bear.	

Shift-Offsite Time: 7-00 PM am/pm 3 fte Contact: Bo Jackson 9 hrs Total hrs.			 	Language	10 00 000 000 00 00 00 00 00 00 00 00 00		
Client: XTO Location: Nash 29 Shift Onsite*Time: 7:00 PM am/pm Shift Contact: Bo Jackson Shift Offsite Time: 7:00 PM am/pm 9 hrs Total hrs. Processing Hrs Today: 0 hrs BBLS Processed Today: 0 bbls BBLS Processed: 0 0 Cumulative BBLS Processed: 133,580 bbls Cumulative BBLS Processed: 433.7 bbl/hr Crew: Reginald White Lead Operator Chris Perry Crew: Reginald White 15:00 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Date:	8/26/2012					
Site Contact: Bo Jackson Site Contact: Bo Jackson Site Contact: Sammy Dean Processing Hrs Today: 0 hrs BBLSP Processed: 0 bbls BBLSP Processed: 0 bbls BBLSP Processed: 133,580 bbls Cumulative BBLSP Processed: 433,7 bbl/r Cemulative BBLSP Processe			,	Unit N	lumber:		8
Site Contact: Bo Jackson Site Contact: Bo Jackson Processing Hrs Today: 0 hrs BBLSP Processed: 0 bbls BBLSP Processed: 0 bbls BBLSP Processed: 0 bbls Cumulative BBLSP Processed: 133,580 bbls Cumulative	Client:	ХТО		SI	nift Onsite Time:	10:00	am/pm
Processing Hrs Today: 0 hrs BBLS Processed: 308 hrs Cumulative Processing Hrs: 308 hrs BBLS Processed Today: 0 bbls BBLS Processed: 133,580 bbls Processed: 133,580 bbls Processed: 133,580 bbls Processed: 133,580 bbls Processed: 133,580 bbls Process	Location:	Nash 29		SI	nift Offsite Time:	7:00 PM	am/pm
Processing Hrs Today: 0 hrs BBLS Processed: 0 bbls BBLS Processed: 133,580 bbls Cumulative BBLS Processed: 133,580 bbls BBLS Hr Processed: 133,580 bbls Cumulative BBLS Processed: 433,7 bbl/hr Lead Supervisor: Sammy Dean Lead Supervisor: Chris Perry Lead Supervisor: Chris Perry Lead Supervisor: Sammy Dean Readings: flow back Volts/Amps pHi Turbidity 13:00 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Site Contact:	Bo Jackson				9 hrs	Total hrs.
BBLS/Hr.Processed: 0 bbls BBLS/Hr.Processed: 0 Cumulative BBLS/Hr Processed: 133,580 bbls BBLS/Hr.Processed: 0 Cumulative BBLS/Hr Processed: 433.7 bbl/hr Lead Operator Chris Perry Lead Operator Chris Perry Crew Reginald White 15:00 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Site Contact:	Sammy Dean		Present (Onsite Activities:	Main	tenance
BBLS/Hr.Processed: 0 bbls BBLS/Hr.Processed: 0 Cumulative BBLS/Hr Processed: 133,580 bbls BBLS/Hr.Processed: 0 Cumulative BBLS/Hr Processed: 433.7 bbl/hr Lead Operator Chris Perry Lead Operator Chris Perry Crew Reginald White 15:00 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	D-2000	T has				209	hea
BBLS/Hr, Processed: 433.7 bbl/hr Lead Supervisor: Sammy Dean Lead Operator Chris Perry Lead Operator Chris Perry 13:00 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A							
Lead Supervisor: Sammy Dean Lead Operator Chris Perry Lead Operator Chris Perry Lead Operator Chris Perry Lead Operator Chris Perry Lead Operator Chris Perry Lead Operator Chris Perry Lead Operator Chris Perry Lead Operator Chris Perry Lead Operator Chris Perry Lead Operator Chris Perry Lead Operator Chris Perry Lead Operator Chris Perry Lead Operator Chris Perry Lead Operator N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A				· *** • • • • • • • • • • • • • • • • • 		<u> </u>	
13:00	DDL3/fileEi0C	esseu.	Cultidiative	DBC3/HI[FIOC	esseu.	433.7	DDI/III
Solum Hydroxide 15:00	Lead Supervisor:			flow back			Turbidity
17:00					·		
18:00	Crew.	Reginald White	15.00				<u> </u>
N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	-						
N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	ŀ						
Chemical Usage Start Inv. End Inv. On Order Hct Acid 0 4,700 4,550 No Sodium Hydroxide 0 2,455 2,080 No Visitors: Vi	}						
HcL Acid 0 4,700 4,550 No Sodium Hydroxide 0 2,455 2,080 No No Visitors: Vis	ŀ		IN/A .		IV/A	I N/A	I N/A
Sodium Hydroxide 0 2,455 2,080 No Visitors: Visitors:			Chemical	Usage	Start Inv.	End Inv.	On Order
Visitors: Visitors: Bo Jackson Visitors: Visi						 	No
Visitors: Vere there any abnormal operational issues onsite? Vere there any additional supplies/equipment needed? If so, what items and when? In the supplies is the current schedule, including volumes needed by client? Items and when? Item			Sodium Hydroxide	0	2,455	2,080	No
Vere there any abnormal operational issues onsite? In the same any additional supplies/equipment needed? If so, what items and when? In the same any additional supplies/equipment needed? If so, what items and when? In the same any additional supplies/equipment needed? If so, what items and when? In the same any additional supplies/equipment needed? If so, what items and when? In the same any additional supplies/equipment needed? If so, what items and when? In the same any additional supplies/equipment needed? If so, what items and when? In the same any additional supplies/equipment needed? If so, what items and when? In the same any additional supplies/equipment needed? If so, what items and when? In the same any additional supplies/equipment needed? If so, what items and when? In the same any additional supplies/equipment needed? If so, what items and when? In the same any additional supplies/equipment needed? If so, what items and when? In the same any additional supplies/equipment needed? If so, what items and when? In the same any additional supplies/equipment needed? If so, what items and when? In the same any additional supplies/equipment needed? If so, what items and when? In the same any additional supplies/equipment needed? If so, what items and when? In the same any additional supplies/equipment needed? If so, what items and when? In the same any additional supplies/equipment needed? If so, what items and when? In the same any additional supplies/equipment needed? If so, what items and when? In the same any additional supplies/equipment needed? If so, what items and when? In the same any additional supplies/equipment needed? If so, what items and when? In the same any additional supplies/equipment needed? If so, what items and when? In the same any additional supplies/equipment needed? If so, what items and when? In the same any additional supplies/equipment needed? If so, what items and when? In the same any additional supplies/equipment needed? If so, what items and when? In		Bo Jackson					
Vere there any additional supplies/equipment needed? If so, what items and when? lo lave there any additional supplies/equipment needed? If so, what items and when? lave there been any changes to the current schedule, including volumes needed by client? itandy- by as per customer request las client provided any operational feedback (positive or negative)? Person: Company: XTO							
re there any additional supplies/equipment needed? If so, what items and when? lo lave there been any changes to the current schedule, including volumes needed by client? landy- by as per customer request las client provided any operational feedback (positive or negative)? Person: Company: XTO	visitors.						
re there any additional supplies/equipment needed? If so, what items and when? lo lave there been any changes to the current schedule, including volumes needed by client? landy- by as per customer request las client provided any operational feedback (positive or negative)? Person: Company: XTO							
re there any additional supplies/equipment needed? If so, what items and when? lo lave there been any changes to the current schedule, including volumes needed by client? landy- by as per customer request las client provided any operational feedback (positive or negative)? Person: Company: XTO	Vere there any abn	ormal operational issues onsit	e?				
lave there been any changes to the current schedule, including volumes needed by client? itandy- by as per customer request las client provided any operational feedback (positive or negative)? Person: Company: XTO	voio enero, arry abri		V PRESENTATION OF THE PROPERTY			erenia arti. Australia	7 A.L. V 1 194, 195 St. S
lave there been any changes to the current schedule, including volumes needed by client? itandy- by as per customer request las client provided any operational feedback (positive or negative)? Person: Company: XTO	lo						
lave there been any changes to the current schedule, including volumes needed by client? itandy- by as per customer request las client provided any operational feedback (positive or negative)? Person: Company: XTO	lo						
lave there been any changes to the current schedule, including volumes needed by client? itandy- by as per customer request las client provided any operational feedback (positive or negative)? Person: Company: XTO	lo						
las client provided any operational feedback (positive or negative)? Person: XTO		onal supplies/equipment need	ed? If so, what items and i	when?	gen.		
las client provided any operational feedback (positive or negative)? Person: XTO	re there any additi	onal supplies/equipment need	ed? If so, what items and o	when?	Kint Line and the second second second second second second second second second second second second second second		
las client provided any operational feedback (positive or negative)? Person: XTO		onal supplies/equipment need	ed? If so, what items and i	when?	100.0		TO PILMER
las client provided any operational feedback (positive or negative)? Person: XTO	are there any additi						
Person: XTO XTO	are there any additi do lave there been an	y changes to the current sched					
Person: XTO XTO	re there any additi lo lave there been an	y changes to the current sched					
	are there any additi lo lave there been an standy- by as per cu	y changes to the current sched stomer request	dule, including volumes ne	eded by client	?		
Additional Comments	are there any additi lo lave there been an Standy- by as per cu	y changes to the current sched stomer request	dule, including volumes ne	eded by client	?		
	are there any additi lo lave there been an Standy- by as per cu	y changes to the current sched stomer request	dule, including volumes ne	eded by client	?		

	8/27/2012		Report	Number:		78
		.		umber:		8
Client:	хто]		nift Onsite Time:	8:00	am/pm
Location:	Nash 29	1	- ∜∮Sh	ift Offsite Time:	5:00 AM	am/pm
Site Contact:	Bo Jackson	1			9 hrs	Total hrs
Site Contact:	Sammy Dean]	Present (Onsite Activities	Maint	enance
Processing Hrs T	oday: 0 hrs	Cumulativ	e Processing i	irs:	308	hrs
BBLS Processed 1			BBLS Proces		133,5	80 bbls
BBLS/Hr Proces		Cumulative.	BBLS/Hr. Proce	essed:		bbl/hr
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	pH	Turbidity
Lead Operator	Chris Perry	13:00		N/A	N/A	N/A
Crew	Reginald White	15:00		N/A	N/A	N/A
distriction of the state of the		17:00		N/A	N/A	N/A
		18:00		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
	· · · · · · · · · · · · · · · · · · ·	N/A		N/A	N/A	N/A
						,
		Chemical	Usage	Start Inv.	End Inv.	On Orde
L.		HcL Acid	0	4,700	4,550	No
		Sodium Hydroxide	0	2,455	2,080	No
Visitors:	Bo Jackson	·				
Visitors:	Todd Cage					
Visitors:	Arron Karcher			I		
Vere there any abnori Io	nal operational issues onsi	te?				
lo	mal operational issues onsi					
ve there any addition	al supplies/equipment need	ded?.lf.so, what items and	when?			
re there any addition to lave there been any c	al supplies/equipment need	ded?.lf.so, what items and	when?			
re there any addition to lave there been any c standy- by as per custo	al supplies/equipment need	ded? If so, what items and ded? If so, what items and ded and	when?			
re there any addition to lave there been any c standy- by as per custo	al supplies/equipment need thanges to the current sche omer request	ded? If so, what items and ded? If so, what items and ded and	when?			
re there any addition to the standard of the s	al supplies/equipment need thanges to the current sche omer request	ded? If so, what items and dule, including volumes ne estimates or negative)?	when?			
re there any addition o lave there been any c tandy- by as per custo las client provided ar Person:	al supplies/equipment need hanges to the current sche mer request ny operational feedback (po	ded? If so, what items and dule, including volumes ne estimates or negative)?	when?			
re there any addition to the there been any contained by as per custof the there been any contained as client provided as Person:	al supplies/equipment need hanges to the current sche mer request ny operational feedback (po	ded? If so, what items and dule, including volumes ne sitive or negative)?	when?	?	XTO	

	8/28/2012	Γ	Report	Number:	7	79
Date:	0/20/2012			lumber:		8
Client:	XTO	[Section 1	hift Onsite Time:	8:00	am/pm
Location:	Nash 29	[hift Offsite Time	5:00	am/pm
Site Contact:	Bo Jackson				9 hrs	Total hrs
Site Contact:	Sammy Dean	l	Present	Onsite Activities:	Mainte	enance
· nasaataanu		建数表示器系统系统 《1911年17年17	magain a Sagadi na an a 1989	ii.	309	har
Processing Hrs BBLS Processed		Cumulativ		ers:	308	hrs 30 bbls
BBLS/Hr Proce		Cumulative			· · · · · · · · · · · · · · · · · · ·	bbl/hr
BBL3/HI FIOCE	sseu.	Cumulative	DDL3/HI ₂ F,IOC	esseu.	433.1	DDI/III
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	ρΗ	Turbidity
Lead Operator	Chris Perry	13:00		N/A	N/A	N/A
Crew	Reginald White	15:00		N/A	N/A	N/A
		17:00		N/A	N/A	N/A
		18:00		N/A	N/A	N/A
L		N/A		N/A	N/A	N/A
-		N/A		N/A	N/A	N/A
		Chemical	Usage	Start Inv.	End Inv.	On Orde
[HcL Acid	0	4,700	4,550	No
		Sodium Hydroxide	0	2,455	2,080	No
Visitors:	Bo Jackson					
Visitors:						
Visitors:			<u> </u>			
	-	4.444.444				
					20000000000000000000000000000000000000	
Vere there any abno	ormal operational issues onsite	e? ion has been on standby unt	il leaks can be	repaired		
oseidon tank off loca	ormal operational issues onsite ation developed 2 leaks. Operation developed 2 leaks operation developed 3 leaks o	ion has been on standby unt	il leaks can be	repaired		
oseidon tank off loca re there any addition	ation developed 2 leaks. Operati	ion has been on standby unt	il leaks can be	repaired	10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	
oseidon tank off loca re there any addition	ation developed 2 leaks. Operation developed 2 leaks. Operational supplies/equipment needs	ion has been on standby unt	il leaks can be	repaired	10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	
re there any addition	ation developed 2 leaks. Operation developed 2 leaks. Operational supplies/equipment needs	ion has been on standby unt	il leaks can be	repaired	10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	
re there any addition o ave there been any tandby as per custon as client provided	ation developed 2 leaks. Operation developed 2 leaks. Operational supplies/equipment needs	ed? If so, what items and viule, including volumes ne	when?	repaired		
re there any addition ave there been any tandby as per custon as client provided Person:	ation developed 2 leaks. Operation developed 2 leaks. Operational supplies/equipment needs	ed? If so, what items and v	il leaks can be	repaired		
re there any addition o ave there been any tandby as per custon as client provided	ation developed 2 leaks. Operation developed 2 leaks. Operational supplies/equipment needs	ed? If so, what items and viule, including volumes ne	when?	repaired		

Date:	8/29/2012	ſ	Renort	Number:		80
The state of the s	-11			lumber:		8
Client:	ХТО			hift Onsite Time:	8:00	am/pm
L'ocation:	Nash 29		SI	nift Offsite Time:	5:00	am/pm
Site Contact:	Bo Jackson		25 TALL OF THE		9 hrs	Total hrs.
Site Contact:	Sammy Dean		Present	Onsite Activities:	Main	tenance
Processing Hrs T	odav: 0 hrs	Cumulativ	e Processing	Hrs:	308	hrs
BBLS Processed		Cumulative				80 bbls
BBLS/Hr Proces				essed:		bbl/hr
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	pH	Turbidity
Lead Operator	Chris Perry	13:00		N/A	N/A	N/A
Crew	Reginald White	15:00		N/A	N/A	N/A
		17:00		N/A	N/A	N/A
		18:00		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
		Chemical	Usage	Start Inv.	End Inv.	On Order
		HcL Acid	0	4,700	4,550	No
L		Sodium Hydroxide	0	2,455	2,080	No
Visitors:	Bo Jackson	,		,		
Visitors:						
Visitors:						<u> </u>
	mal operational issues on site					
Poseidon tank off locati	ion developed 2 leaks. Operati	on has been on standby uni	til leaks can be	repaired		
re there any addition	ial supplies/equipment need	d2lfco what tame and	whon?	War and Spaying	SECTION DESCRIPTION	
lo de <u>striere anàsaddition</u>	iar supplies equipment meet	surgii so, what items and i	Mileli talla and	54 25 5	2/1/18/2005	
	A COMMAND CONTRACTOR OF THE CO		Serva mandellamenten 12 mil. A		A	
lave there been any o Standby as per custom	changes to the current sched	uie, including volumes ne	eaea by clien	L Comment of the Comm	SCHOOL SC	
wandby as per custom					-	
las client provided a	ny operational feedback (pos	itive or negative)?				
Person:		Company:	2.56		хто	
No						

Date:	8/30/2012	1	Renort	Number:		81
eutc.	0/30/2012			lumber:		8
		'			·	
Client:	ХТО		S	hift Onsite Time:	8:00	am/pm
Location:	Nash 29		**************************************	hift Offsite Time:	5:00	am/pm
Site Contact:	Bo Jackson				9 hrs	Total hrs.
Site Contact:	Sammy Dean	į	Present	Onsite Activities:	Main	tenance
Processing Hrs	Today: 0 hrs	Cumulativ	e Processina	Hrs:	308	hrs
BBLS Processed				ssed:		80 bbls
BBLS/Hr Proce				essed:		bbl/hr
					•	
Lead Supervisor:	Sammy Dean	Readings:	flow back	™Volts/Amps	* pH	Turbidity
Lead Operator	Chris Perry	13:00		N/A	N/A	N/A
Crew	Reginald White	15:00		N/A	N/A	N/A
		17:00		N/A	N/A	N/A
		18:00		N/A	N/A	N/A
		N/A_		N/A	N/A	N/A
-		N/A		N/A	N/A	N/A_
-		Chemical	Usage	Start Inv.	End Inv.	On Order
		HcL Acid	0	4,700	4,550	No
L		Sodium Hydroxide	0	2,455	2,080	No
Visitors:	Bo Jackson	,				
Visitors:						
Visitors:			·			
Were there any abno Poseidon tank off loca	ormal operational issues onsitation developed 2 leaks. Operati	e? ion has been on standby uni	til leaks can be	repaired		
	onal supplies/equipment need	ed? If so, what items and v	when?			
No						
Have there been any	changes to the current sched	fule including volumes ne	eded by clien	1 7	wer was	
Standby as per custo					area a ser constitue de artis de artis	MINING P. M. ST. STEEL TEES
	·					,
Has client provided	any operational feedback (pos	itive or negative)?				
Person:	V V	Company:			хто	-
Additional Com	nments					
	r today. All tanks are full. Poseid	on tank under repair with 2	leaks So comp	lete repairs 8/31	/12. Mr. Jackso	on advised we
	rt cleaning water on Friday 31st	·		•	,	221.303 110

Date:	8/31/2012	ĺ	Report	Number:		82
	0/02/2022			lumber:		8
Client:	XTO		2 1 1 200 17 12 1	hift Onsite Time:	12:00:00PM	am/pm
Location:	Nash 29			nift Offsite Time:	0:00	am/pm
Site Contact:	Bo Jackson				12 hrs	Total hrs.
Site Contact:	Sammy Dean		Present	Onsite Activities:	Process	sing Water
Processing Hrs T	odav: 10 hrs	Cumulativ	e Processina	Hrs:	318	hrs
BBLS Processed 1		Cumulative				05 bbls
BBLS/Hr Proces		***************************************	BBLS/Hr Proc			bbl/hr
				33334 11111 3010	1	
Lead Supervisor:	Sammy Dean	Readings:	flow back	-Volts/Amps	pH.	Turbidity
Lead Operator	Chris Perry	14:00		110	5.31	0.116
Crew	Reginald White	16:00		110	6.54	0.864
		18:00		110	7.01	0.747
		20:00		110	6.57	1.8
		22:00		110	7.2	2.12
		N/A		N/A	N/A	N/A
		Chemical	Usage	Start Inv:	End Inv.	On Order
		HcL Acid	0	4,550	4,200	No
		Sodium Hydroxide	0	2,080	1,800	No
Visitors:	Bo Jackson			ļ	<u> </u>	
Visitors:						
Visitors:						<u> </u>
1500 Classical Index (1889-weeks) in the Second	own park a file out to morning and commissions are		and the control of the state of		AS-1000 MARKS 6-2-100	OWNERS CARROLL
vere tnere any abnori lo	mal operational issues onsite	9.7				
40						
Yo there any addition	al supplies/equipment neede	ad2 If so, what Items and	whon?			27 (See 18 27 (18 21) - 12 2
No	ar an burea eda bure ar fire e or	surem 30, what remains and t		**************************************	3 (Mari not 1932) (1971)	WW. W. C. C. C. C. C. C. C. C. C. C. C. C. C.
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					and the second section of the second	an terres
lave there been any c	hanges to the current sched	lule, including volumes ne	eded by clien	t?		AO . 28 . A
Have there been any c	hanges to the current sched	lule, including volumes ne	eded by clien	17		89
	hanges to the current sched	ule, including volumes ne	eded by clien	!?	<u> </u>	
	hanges to the current sched	ule, including volumes ne	eded by clien	?		
No	hanges to the current sched		eded by clien			
No						
No Has client provided an		itive or negative)?				
No Has client provided an Person:	ny operational feedback (pos	itive or negative)?				

			200000-00100 0000-00100 V v v 100100 0	5400000 Von 11.15.21		
Date:	9/1/2012			Number:		83
			Unit N	umber:		8
Client:	XTO		SI	nift Onsite Time:	12:00:00AM	am/pm
Location:	Nash 29			nift Offsite:Time:	21:00	am/pm
Site Contact:	Bo Jackson				11 hrs	Total hrs.
Site Contact:	Sammy Dean		Present (Onsite Activities:	Process	ing Water
Processing Hrs		Cumulativ	e Processing	Hrs:	327	hrs
BBLS Processed		Cumulative				81 bbls
BBLS/Hr Proce	ssed: 512.5	Cumulative	BBLS/Hr Proce	essed:	427.2	bbl/hr
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps 3	°- рн	Turbidity
Lead Operator	Chris Perry	00:00		110	6.8	0.886
Crew	Reginald White	02:00		110	7	0.968
		13:00		110	7.65	1.11
		15:00		110	7.26	1.26
		17:00		110	6.8	1.57
L		19:00		110	6.654	2.47
L		21:00		110	6.75	2.23
_		Chemical	Usage	Start Inv.	End Inv.	On Order
L		HcL Acid	0	4,200	3,800	No
		Sodium Hydroxide	0	1,800	1,500	Yes
Visitors:	Bo Jackson					
Visitors:			ļ			
Visitors:						ľ
metricis rigital ou serve						
mades Salve 1000 1000 and process						
						650000280505655
Were there any abno	rmal operational issues onsite	27			eti " Creation and	
	rmal operational issues onsite	2				188 PART 28 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Were there any abno	rmal operational issues onsite	??				osimierosinios
Were there any abno	rmal operational issues onsite	?			erte: "" "Produktione (FI	
Were there any abnor No						
Were there any abnor No Are there any additio	rmal operational issues onsite					
Were there any abnor No						
Were there any abnor No Are there any additio						
Were there any abnor No Are there any additio	nal/supplies/equipment neede	d? If so, what items and	when?			
Were there any abnor No Are there any additio		d? If so, what items and	when?			
Were there any abnormal No Are there any addition No Have there been any	nal/supplies/equipment neede	d? If so, what items and	when?			
Were there any abnormal No Are there any addition No Have there been any	nal/supplies/equipment neede	d? If so, what items and	when?			
Were there any abnor No Are there any additio No Have there been any	nal/supplies/equipment neede	ed? If so, what items and leading with the second s	when?			
Were there any abnor No Are there any additio No Have there been any	nal supplies/equipment neede	ed? If so, what items and leading with the second s	when?			
Were there any abnormon Are there any addition No Have there been any no Have there been any no	nal supplies/equipment neede	ed? If so, what items and ule, including volumes no	when?			
Were there any abnormal notation with the second notation in the sec	nal supplies/equipment neede changes to the current sched any operational feedback (pos	ed? If so, what items and ule, including volumes no	when?			

Date:	9/2/2012]	Report	Number:		34
		<u> </u>	Unit N			8
Client:	XTO	7	Ċ	hift Onsite Time:	6:00:00AM	am/pm
Location:	Nash 29	1		nift Offsite Time:	18:00	am/pm
Site Contact:	Bo Jackson	4	7		12 hrs	Total hrs.
Site Contact:	Sammy Dean	1		Onsite Activities:		ing Water
***************************************		,	to Charles and A. L.	1.4		
Processing Hrs 1		Cumulativ	e Processing	Hrs:	335	hrs
BBLS Processed	Today: 4,483 bbls	Cumulative	BBLS Proces	sed:	138,0	63 bbls
BBLS/Hr Proces	512.5	Cumulative	BBLS/Hr Proc	essed:	412.1	bbl/hr
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	pН	Turbidity
Lead Operator	Kenneth Erler	08:00		108	7.56	1.15
Crew	Fermin Valdez	10:00		108	7.35	1.12
<u>_</u>		12:00		108	7.89	1.37
<u> </u>		14:00		108	7.46	1.24
<u> </u>	······································	16:00:00 PM		108	6.8	1.57
_		18:00:00 PM		108	6.654	2.47
		Chemical	Usage	Start Inv.	End Inv.	On Order
		HcL Acid	0	3,800	3,500	No
		Sodium Hydroxide	0	1,500	1,200	Yes
Visitors:	Bo Jackson					
Visitors:						
Visitors:			<u> </u>			
ne - companye na mane metalisti	ne on Theorems and American Strategic and Ame				45:====================================	
were there any abnor No	mal operational issues onsi	te /				
	vo promoning conjectory and monthly connect		- hand	(III)		
	nal supplies/equipment need	ded? If so, what items and \	when?		Allen Santa	
Are there any addition	nal supplies/equipment need	ded? If so, what items and	when?			Bakener (B. S. Sterner Bayer)
No						
No Have there been any o	nal supplies/equipment need changes to the current sche					
No						
No Have there been any o No	changes to the current sche	dule, including volumes ne	eded by clien			
No Have there been any o No Has client provided a		dule, including volumes ne	eded by clien			
No Have there been any o No	changes to the current sche	dule, including volumes ne	eded by clien			
Have there been any on No Has client provided a Rerson:	changes to the current sche	dule, including volumes ne	eded by clien			

noto:	9/3/2	012			Dana	Number:		85
Date:	3/3/2	.014				number: lumber:		8
					· · · · · · · · · · · · · · · · · · ·	iumber,		<u> </u>
Client:	XT	0			SI SI	nift Onsite Time:	6:00:00AM	am/pm
Location:	Nast	1 29		'	SI	nift Offsite Time:	19:00	am/pm
Site Contact:	Bo Jac	ckson					11 hrs	Total hrs.
Site Contact:	Sammy	Dean			Present 0	Onsite Activities:	Process	ing Water
Processing Hrs	Today:	6 hrs		Cumulativ	ve Processina	Hrs:	341	hrs
BBLS Processed		4,394 bbls				sed:	137,9	74 bbls
BBLS/Hr Proce		,512.5 ^{//}			The state of the s	essed:		bbl/hr
Lead Supervisor:	Sammy	Dean		Readings:	flow back	Volts/Amps	р Н	Turbidity
Lead Operator	Kennet	h Erler	100	08:00%		108	6.86	0.886
Crew	Fermin	Valdez		10:00		108	6.9	0.965
	Eddie M		2.3**	12:00		108	7.54	1.116
	Ray	Lee		14:00		108	7.68	1.24
L				L6:00:00 PM		108	7.43	1.032
<u> </u>		-	18.5		<u>L</u>		-	
				Chemical	Usage	Start Inv.	End Inv.	On Order
				HcL Acid	0	3,500	3,200	No
			Soc	lium Hydroxide	0_	1,200	900	Yes
Visitors:	Bo Jac	ckson						
Visitors:			<u> </u>					
Visitors:					<u> </u>		_	
Vere there any abno lo	rmal operation	al issues onsito	e?					Kana - Kana
re there any addition	nal supplies/e	quipment need	ed? If so,	what items and i	when?			
lave there been any lo	changes to th	e current sched	lule, inclu	ding volumes ne	eded by client	7		
		l feedback (pos	itive or ne	gative)?				
las client provided a	iny operationa							
Person:	iny operationa			Company:		L	XTO	
	nny operationa			Company:		<u> </u>	XTO	

05.35 com				0.0000000000000000000000000000000000000		
Date:	9/4/2012		Report	Number:		86
		1	Unit N	lumber:		8
Client:	хто		S S	hift Onsite Time:	6:00:00AM	am/pm
Location:	Nash 29			nift Offsite Time:	18:00	am/pm
Site Contact:	Bo Jackson			TO WAY.	12 hrs	Total hrs.
Site Contact:	Sammy Dean		Present	Onsite Activities		ing Water
Processing Hrs				Hrs:	350	hrs
BBLS Processed				ssed:		24 bbls
BBLS/Hr Proces	ssed: 512.5	Cumulative	BBLS/Hr Proc	essed:	395.5	bbl/hr
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator	Kenneth Erler	08:00		108	7.89	2.12
Crew	Fermin Valdez	10:00		108	6.9	0.892
	Ray Lee	12:00		108	7.35	0.992
		14:00		108	7.55	1.69
_		16:00:00 PM		108	7.12	1.21
		Chemical	Usage	Start Inv.	End Inv.	On Order
		HcL Acid	0	3,200	2,900	No
_		Sodium Hydroxide	0	900	600	Yes
- Visitors:	Bo Jackson				·	
Visitors:						
Visitors:						
Nore there any abnor	mal operational issues onsite	7		5 P 7 C P		50mm1472557, 127000000000000000000000000000000000000
vere utere atty abrior	mai, operational issues offsite		MARKA SEESA (A.A.)			
	· · · · · · · · · · · · · · · · · · ·	····			·	_
	nal supplies/equipment neede	d? If so, what items and v	when?			
Are there any addition	nal supplies/equipment neede	d?If so, what items and \	when?			
	ial supplies/equipment neede	d? If so, what items and v	when?		A Comment	
No				- , , , , , , , , , , , , , , , , , , ,		
No	nal supplies/equipment neede			- , , , , , , , , , , , , , , , , , , ,		
No Have there been any,				- , , , , , , , , , , , , , , , , , , ,		
No Have there been any o	changes to the current schedu	ule, including volumes ne	eded by client	7		
lave there been any o No las client provided a		ule, including volumes ne	eded by client	7		
Have there been any one of the control of the contr	changes to the current schedu	ule, including volumes ne	eded by client	7		
lave there been any o No las client provided a	changes to the current schedu	ule, including volumes ne	eded by client	7		
Have there been any one of the control of the contr	changes to the current schedu	ule, including volumes ne	eded by client	7		

Date:	9/5/2012		Report	Number:		87
	-,-,			lumber:		8
Client:	XTO			hift Onsite Time:	6:00:00AM	am/pm
Location:	Nash 29			nift Offsite Time:	0:00	am/pm
Site Contact:	Bo Jackson				18 hrs	Total hrs.
Site Contact:	Sammy Dean		Present (Onsite Activities	Process	ing Water
Processing Hrs	Today: 12 hrs	Cumulativ	e Processing	Hrs:	362	hrs
BBLS Processed				ssed:	163,6	40 bbls
BBLS/Hr Proces		Cumulative	1 1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- 1 148 A 1 111 15	452.0	bbl/hr
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	pН	Turbidity
Lead Operator	Kenneth Erler	08:00		108	6.54	0.158
Crew 🎊	Fermin Valdez	10:00		108	6.84	0.872
	Ray Lee	12:00		108	7.25	1.01
	Adam Pollard	14:00		108	7.35	1.15
	Eddie McGruder	20:00		108	7.21	1.21
-		22:00		108	7.85	1.52
<u> </u>		Chemical	Usage	Start Inv.		On Order
		HcL Acid	0	2,900	2,500	No
		Sodium Hydroxide	0	600	1,425	Yes
Visitors:	Bo Jackson					
Visitors:	<u>-</u>			·····		
Visitors:			,			
-						
Vere there any abnor	mal operational issues onsite	?				
0						
ro thoro any addition	nal supplies/equipment neede	d2 If so what itoms and	uhon?			4 (10) (14) (1)
lo	iai supplies/equipment/neede	uran so, what items and	Wilens	RAIRIUS - SURSERIUMINAT		
17.71 Ar. / 2004 S. 17.71 19.00 19.00 19.71	S. C. S. W. Serberova, et al. 1911.	at the first operation of the first of the first operation operation of the first operation operation operation op				ever the section propries
lave there been any∂ lo	changes to the current schedu	ule, including volumes ne	eded by client	10		
iO						
las client provided a	ny operational feedback (nosi	tive or negative)?		3 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -		ot V ve to come
las client provided a	ny operational feedback (posi	tive or negative)?			хто	
	ny operational feedback (posi				хто	

Date:	9/6/2012]	Report	Number:	,	38
		ı		lumber:		8
		·				
Client:	XTO		S	hift Onsite Time:	6:00:00AM	am/pm
Location:	Nash 29		in SI	hift Offsite Time:	0:00	am/pm
Site Contact:	Bo Jackson		71.5 (19.53)		18 hrs	Total hrs.
Site Contact:	Sammy Dean		Present	Onsite Activities:	Process	ing Water
Processing Hrs	Today: 6 hrs	Cúmúlativ	e Processina	Hrs:	368	hrs
BBLS Processed			BBLS Proces			26 bbls
BBLS/Hr Proces		***************************************		essed:		bbl/hr
Programme			and another, many taxes	Interpretation	STORAGE STORAGE STORAGE	17-00-1-17-1-18-00
Lead Supervisor:	Sammy Dean	Readings:	tiow_back	Volts/Amps	pH	Turbidity
Lead Operator Crew	Kenneth Erler Fermin Valdez	08:00		108	7.21	0.897
Crew	Ray Lee	10:00 12:00		108 108	6.54 7.54	0.123
<u></u>	Adam Pollard	14:00		108	7.54	0.996
<u> </u>	Eddie McGruder	20:00			 	
-	Sadic Moorader	22:00				
		Chemical Chemical	Usage	Start Inv.	End Inv.	On Order
		HcL Acid	0	2,500	2,350	Yes
		Sodium Hydroxide	0	1,425	6,200	No
Visitors:	Bo Jackson					
Visitors:						
Visitors:					l	
 						
. 3000000	RDAGE_5 _ 5 _ 76 _ 100 1273822882_5 _200 0 0 1 1 68 ~ 48 128 128 22		edition to compare where or 111 Fig. 100	200 1-44000000000-011-1-07-07-07-07-07-07-07-07-07-07-07-07-07-		entonomic commissions
	mal operational issues onsit	te?		2015		
0						
villa,	aalla mallaa/aanlamaat naad	adolle accurations and	uhang .	174		
	nal supplies/equipment need	ed? If so, what items and	when?			
re there any addition	nal supplies/equipment need	ed? If so, what items and v	when?			
	nal supplies/equipment need	ed? If so, what Items and v	when?			
lo						
lo	nal supplies/equipment need					
lo						
lave there been any						
lave there been any		dule, including volumes ne	eded by client	7		
lave there been any lo lo las client provided a	changes to the current sched	dule, including volumes ne	eded by client	7		
lave there been any lo las client provided a	changes to the current sched	dule, including volumes ne	eded by client	7		
ave there been any o as client provided a Person:	changes to the current sched	dule, including volumes ne	eded by client	7		

Date:	9/7/2012		Report	Number:		89
	-7,1,			lumber:		8
Client:	XTO		· S	nift Onsite Time:	6:00:00AM	am/pm
Location:	Nash 29			nift Offsite Time:	0:00	am/pm
Site Contact:	Bo Jackson		7177		18 hrs	Total hrs.
Site Contact:	Sammy Dean		Andrewsky 1919	Onsite Activities:		ing Water
		'				
Processing Hrs 1				Hrs:	380	hrs
BBLS Processed		Cumulative	BBLS Proces	sed:	172,9	06 bbls
BBLS/Hr Proces	sed: 512.5	Cumulative	BBLS/Hr Proc	essed:	455.0	bbl/hr
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	pH	Turbidity
Lead Operator	Kenneth Erler	10:00		108	6.75	0.456
Crew	Fermin Valdez	12:00		108	6.89	0.573
	Ray Lee	14:00		108	6.69	0.654
	Adam Pollard	16:00		108	7.32	0.768
	Eddie McGruder	18:00		108	7.78	1.189
		20:00		108	7.5	0.975
_		22:00		108	7.25	0.9
		Chemical	Usage	Start Inv.	End Inv.	On Orde
		HcL Acid	0	2,350	1,900	Yes
		Sodium Hydroxide	0	6,200	5,800	No
े Visitors: ■	Bo Jackson					
Visitors:						
Visitors:						
Brown bear went down	mal operational issues onsite , went to Odessa picked up and nal supplies/equipment neede	other unit.				
lo	changes to the current sched					
•						

	0/0/	2012			e company company		20
Date:	9/8/	2012			Number: lumber:		90 8
				25.5	idilibei.		
Client:	X	го		S	hift Onsite Time:	6:00:00AM	am/pm
Location:	Nas	h 29		S	hift Offsite Time:	0:00	am/pm
Site Contact:	Bo Ja	ickson				18 hrs	Total hrs.
Site Contact:	Samm	y Dean		Present	Onsite Activities:	Process	ing Water
	F_ 70 . 1200000- 71		Midwidther Residence Company Company	maiRame	- Double - I was Manufallin		
Processing Hrs		16 hrs	Cumulativ			396	hrs
BBLS Processed		6,480 bbls	Cumulativ	1 - 1 - 1 - 1 - 1			86 bbls
BBLS/Hr Proce	essed:	512.5	Cumulative	BBLS/Hr Proc	essed:	453.0	bbl/hr
Lead Supervisor:	Samm	y Dean	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator	Kenne	th Erler	10:00		108	7.12	0.789
Crew	Fermin	Valdez	12:00		108	7.34	0.889
	Ray	Lee	14:00		108	7.54	0.987
		Pollard	16:00		108	7.32	0.785
_	Eddie M	1cGruder	18:00		108	7.43	0.975
			20:00		108	7.5	1.189
1			22:00	Imposture vacination ()	108	7.25	1.115
			Chemical	Usage	Start Inv.	End Inv.	On Order
L			HcL Acid	0	6,400	6,000	NO
201. · · · · · · · · · · · · · · · · · · ·			Sodium Hydroxide	0	5,800	5,550	No
Visitors:	Bo 1s	ackson		-		· · · · · · · · · · · · · · · · · · ·	
Visitors: Visitors:							
visitors.							
Vere there any ahno	ormal operatio	nal issues onsite	97. (4. (6 ⁶)				
O	Amarope, and	mar_isoucs_onoix			SCACO DE CONTRADA SERVICIA SE	PER CONTRACT	GS: S MAL
						· · · · · · · · · · · · · · · · · · ·	
	,						
re there any addition	onal supplies/	equipment needs	ed?/If/so/what/items and	when?			
	onal supplies/	equipment neede	ed? If so, what items and	when?			
re there any addition	onal supplies/	equipment needs	d? If so, what items and	when?			
							-
lo			ed?If so, what items and				
lo							
ave there been any							
lave there been any	changes to th	ne current sched	ule, including volumes ne	eded by clien	!?	Pana Pana Pana Pana Pana Pana Pana Pana	
ave there been any	changes to th	ne current sched	ule, including volumes no	eded by clien			
lave there been any lo las client provided Person:	changes to th	ne current sched	ule, including volumes ne	eded by clien		Pana Pana Pana Pana Pana Pana Pana Pana	
ave there been any	changes to th	ne current sched	ule, including volumes no	eded by clien			

Date:	9/9/2012		Report	Number:		91
				lumber:		8
Client:	хто	į	SI	hift Onsite Time:	6:00:00AM	am/pm
Location:	Nash 29		* SI	hift Offsite Time:	18:00	am/pm
Site Contact:	Bo Jackson				12 hrs	Total hrs.
Site Contact:	Sammy Dean		Present (Onsite Activities	Process	sing Water
Processing Hrs T	oday:	Cumulativ	e Processing	Hrs:	399	hrs
BBLS Processed T		Cumulative			180,6	16 bbls
BBLS/Hr.Proces	sed: 512.5	Cumulative	BBLS/Hr Proc	essed:	452.7	bbl/hr
Lead Supervisor:	Sammy Dean	Readings:	flow back		° pH	Turbidity
Lead Opérator	Kenneth Erler	10:00		108	7.56	0.895
Crew	Eddie McGruder	12:00		108	6.89	0.437
	Ray Lee	13:00		108	7.32	0.875
	Adam Pollard	16:00		N/A	N/A	N/A
		18:00		N/A	N/A	N/A
<u> </u>		20:00	<u> </u>	N/A	N/A	N/A
		Chemical	Usage 🦋	Start Inv.	End Inv.	On Order
	·	HcL Acid	0	6,000	5,950	NO
		Sodium Hydroxide	0	5,550	5,400	No
Visitors:	Bo Jackson					
Visitors:				ļ		
Visitors:	nal operational issues onsite					
0						
re there any addition lo	al supplies/equipment neede	d?slf.so, what items and	when?			
lave there been any c	hanges to the current sched	ule, including volumes ne	eded by client	!?		
lo						
	ny operational feedback (pos					
		Company:			XTO	
Person:						

	0/10	(2012	ſ	Daniel	Number:		2
Date:	9/10/	2012	ŀ		Number: lumber:		92 8
			·				
Client:	TX	-o]		hift Onsite Time:	6:00:00AM	am/pm
Location:	Nas	h 49		- m in	hift Offsite Time:	18:00	am/pm
Site Contact:	Bo Ja	ckson		97/4554		12 hrs	Total hrs.
Site Contact:	Samm	y Dean		Present (Onsite Activities:	Process	ing Water
Processing Hrs		4 hrs			Hrs:	403	hrs
BBLS Processed		2,277 bbls		BBLS Proces		182,893 bbls	
BBLS/Hr Proce	ssed:	512.5	Cumulative	BBLS/Hr Proc	essed:	453.8	bbl/hr
Lead Supervisor:	Samm	y Dean	Readings:	flow back	Volts/Amps	рH	Turbidity
Lead Operator	Kenne	th Erler	10:00		110	7	0.198
Crew	Eddie M	cGruder	12:00		110	7.43	0.089
	Ray	Lee	13:00		N/A	N/A	N/A
	Adam I	Pollard	16:00		N/A_	N/A	N/A
			18:00		N/A	N/A	N/A
-			20:00		N/A	N/A	N/A
-			Chemical	Usage 🚟	Start Inv.	End Inv.	On Order
			HcL Acid	0	5,950	5,800	NO
_			Sodium Hydroxide	0	5,400	5,250	No
Visitors:	Bo Ja	ckson	·				
Visitors:							
Visitors:						l	
							
	marrit arma "atti paramo atti s" va s	eens. 'n 'n entstach ook in character of the contracter of the con	Co. And Co. Co. Co. Co. Co. Co. Co. Co. Co. Co.	· · · · · · · · · · · · · · · · · · ·	Committee Committee	wer-word for Parist State	/ 0.5/4 Commissions Some
Vere there any abno	rmal operation	nal issues onsite	97				
lo							
lo							
lo							
	- mass masses and a second		d2 If co. what Itames and	when?		7. (1)	
re there any addition	onal/supplies/e	quipment neede	d? If so, what items and v	when?			**************************************
	onal/supplies/e	quipment neede	d? If so, what items and v	when?			
re there any addition	onāl supplies/e	quipment neede	d? If so, what items and v	when?			
are there any addition							
are there any addition			d? If so, what items and v				
are there any addition of the second							
are there any addition VC SCH 80 lave there been any	changes to th	e current sched	ule, including volumes ne				The state of the s
are there any addition VC SCH 80 lave there been any lo	changes to th	e current sched	ule, including volumes ne	eded by client			
are there any addition VC SCH 80 lave there been any	changes to th	e current sched	ule, including volumes ne				The state of the s
are there any addition VC SCH 80 lave there been any lo	changes to th	e current sched	ule, including volumes ne	eded by client			

Date:		12042	1	ting material and the second	· La - 11 1000 Dischard Company (1990) award		
	9/11/	2012			Number:		93
			ľ	Unit	vumber:		8
Client:	TX	0]	s S	hift Onsite Time:	6:00:00AM	am/pm
Location:	Nas	h 49			hift Offsite Time:	1:00 PM	am/pm
Site Contact:	Bo Ja	ckson		¥(1)		5 hrs	Total hrs.
Site Contact:	Samm	y Dean		Present	Onsite Activities:	Process	ing Water
managai 💻 . jaja kikadanga 20 may 1911. S	Same Carriero					·	
Processing Hrs		1 hrs	Cumulativ			404	hrs
BBLS Processed		935 bbls			ssed:		28 bbls
BBLS/Hr Proce	essed:	512.5	Cumulative	BBLS/Hr Proc	essed:	455.0	bbl/hr
Lead Supervisor:	Samm	y Dean	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator	Ray	Lee	10:00		110	7	0.198
Crew	Eddie M	cGruder	12:00		N/A	N/A	N/A
			13:00		N/A	N/A	N/A
Ĺ			16:00		N/A	N/A	N/A
Ļ			18:00		N/A	N/A	N/A
			20:00		N/A	N/A	N/A
			Chemical 💝	Usage	Start Inv.	End Inv.	On Order
			HcL Acid	0	5,800	5,750	NO
			Sodium Hydroxide	0	5,250	5,200	No
Visitors:	Bo Ja	ckson					
Visitors:							
Visitors:			J				
							
Vere there any ahno	ormal oneration	nal issues onsit	te?				
0	orman operation	idi iloodeo jonon				20002Y-10-C.CA.4886	ere68.9000001.80.90274e.906
	onal supplies/e	quipment need	ed? If so, what items and v	when?			
VC SCH 80							
lave there been an	change to th	o current scho	dule, including volumes ne	odod by clion	12	MITTER CONTROL	**************************************
lo	genuinges to th	e current sche	adie, including, volumes ne	eded by chem	L1	**************************************	
TO A S S	any operations	il foedhack (no	sitive or negative)?	6€.]]]]	To Supplied to the		
ias cilent nrovided	a.i.j. operatione		Company:	····		XTO	
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Tarange and the second	1		
Person:							

Date:						
	9/12/2012			Number:		94
			Unit N	lumber:		8
Client:	хто		S	hift Onsite Time:	6:00:00AM	am/pm
Location:	Nash 49			nift Offsite Time:		am/pm
Site Contact:	Bo Jackson				12 hrs	Total hrs.
Site Contact:	Sammy Dean		Present (Onsite Activities	Process	ing Water
	* Constitution of the Cons	8 ************************************	SA - Par magan ag			
Processing Hrs 1			e Processing		410	hrs
BBLS Processed			BBLS Proces			41 bbls
BBLS/Hr Proces	ssed: 512.5	Cumulative	BBLS/Hr Proc	essea:	454.5	bbl/hr
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator	Ray Lee	10:00		110	7	0.198
Crew	Eddie McGruder	12:00		110	7.65	0.285
		14:00		110	7.24	1.893
		16:00		N/A_	N/A	N/A
		18:00		N/A	N/A	N/A
_		20:00		N/A	N/A	N/A
		Chemical		Start Inv.	End Inv.	On Order
		HcL Acid	0	5,750	5,500	NO
		Sodium Hydroxide	0	5,200	5,000	No
Visitors:	Bo Jackson	<u> </u>		,		
Visitors:						
Visitors:						
						· · · · · · · · · · · · · · · · · · ·
**************************************			SATE OF A THE STREET			96330005 00000000 05 000000 05 00
	mal operational issues onsite	7				
Were there any abnor No						
No	nal supplies/equipment neede		vhen?			
No	al supplies/equipment neede		vhen?	Vanes Service		
No Are there any addition	al supplies/equipment neede		vhen?			
No Are there any addition PVC SCH 80		d? If so, what items and v				
No Are there any addition PVC SCH 80	nal supplies/equipment neede changes to the current schedu	d? If so, what items and v				
Are there any addition PVC SCH 80 Have there been any c		d? If so, what items and v				
Are there any addition PVC SCH 80 Have there been any o	changes to the current schedu	d? If so, what items and v	eded by client	?		
Are there any addition PVC SCH 80 Have there been any to No		d? If so, what items and vule, including volumes ne	eded by client	?		
Are there any addition PVC SCH 80 Have there been any o	changes to the current schedu	d? If so, what items and vule, including volumes ne	eded by client	?		
Are there any addition PVC SCH 80 Have there been any to No	changes to the current schedu	d? If so, what items and vule, including volumes ne	eded by client	?		X DE Anton Constitution (Constitution Constitution Consti
Are there any addition PVC SCH 80 Have there been any to No	changes to the current schedu	d? If so, what items and vule, including volumes ne	eded by client	?		

Date:	9/13/2	012	Ţ	Panca	Number:		95
Julion Date.	3/13/2	012			lumber:		8
			L				
Client:	XTC			SI	nift Onsite Time:	6:00:00AM	am/pm
Location:	Nash	49		SI	nift Offsite Time:	18:00:00 PM	am/pm
Site Contact:	Bo Jack	kson				12 hrs	Total hrs.
Site Contact:	Sammy	Dean	[Present (Onsite Activities:	Process	ng Water
		C has		Page 150 A. Commission of the	• AAR Sween	Γ 44.5	h
Processing Hrs BBLS Processed		6 hrs 2,206 bbls		BBLS Proces	Hrs:	416	hrs
BBLS Processed		512.5				188,547 bbls 453.2 bbl/hr	
BBLS/HI FIOCE	sseu.	512.5	Cumulative	BBLS/Hr Proce	essed:	453.2	DDI/III
Lead Supervisor:	Sammy	Dean	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator	Ray L	.ee	10:00		110	6.89	1.785
⁄⁄ Crew ိ	Eddie Mc	Gruder	12:00		110	7.24	0.896
			14:00		110	7.13	0.987
L			16:00		N/A	N/A	N/A
L			18:00		N/A	N/A	N/A
-			20:00		N/A	N/A	N/A
-			Chemical	Usage	Start Inv.	End Inv.	On Order
<u> </u>			HcL Acid	0	5,750	5,500	NO
_			Sodium Hydroxide	0	5,200	5,000	No
Visitors:	Bo Jacl	kson	, , , , , , , , ,		· · · · · · · · · · · · · · · · · · ·		
Visitors:						1	
Visitors:							
						_	
	rmal operationa	al issues onsite	?				183
lo							
			<u> </u>				
		Coperation	5		SCI MA COMPANIAN AND AND AND AND AND AND AND AND AND A		ar a treat house comment because
and the state of t	nal supplies/eq	ulpment neede	d? If so, what items and v	vhen?	St		
re there any addition							
VC SCH 80	changes to the	Current school	de including volumes in	adad by alles	2		
VC SCH 80	changes to the	current schedu	lle; including volumes ne	eded by client	?		
VC SCH 80	changes to the	current schedu	ule; including volumes ne	eded by client	?		Y
VC SCH 80	changes to the	current schedu	ule, including volumes ne	eded by client	?		
Iave there been any			tive or negative)?				
VC SCH 80 lave there been any			tive or negative)?			-	
VC SCH 80 lave there been any	any operational		tive or negative)?				

Date:		 1	Committee to the committee of the commit			
	9/14/2012			Number: lumber:		96
			Unit	iumber:		8
Client:	хто		S	hift Onsite Time:	6:00:00AM	am/pm
Location:	Nash 49		SI	nift Offsite Time:	18:00:00 PM	am/pm
Site Contact:	Bo Jackson				12 hrs	Total hrs.
Site Contact:	Sammy Dean		Present	Onsite Activities:	Process	ing Water
	-					
Processing Hrs To			ative Processing		416	hrs
BBLS Processed T			The state of the s			47 bbls
BBLS/Hr Process	sed: 512.5	Cumulati	ve BBLS/Hr Proc	essed:	453.2	bbl/hr
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	pH pH	Turbidity
Lead Operator	Adam Pollard	10:00		110	6.89	1.785
Crew	Ray Lee	12:00	*,	110	7.24	0.896
		14:00		110	7.13	0.987
		16:00		N/A	N/A	N/A
		18:00		N/A	N/A	N/A
		20:00	•	N/A	N/A	N/A
<u> </u>		Chemical	Usage	Stärt Inv.	End Inv.	On Order
		HcL Acid	0	5,750	5,500	NO
	·	Sodium Hydroxid		5,200	5,000	No
- Visitors:	Bo Jackson	- Journal of the state of the s	* 	3,200	3,000	140
Visitors:				-		
Visitors:						
	nal operational issues	onsite?				
Vere there any abnorm	nal operational issues	onsite?		Webselve and the second second second second second second second second second second second second second se		
	nal operational issues	onsite?				
	nal operational issues	onsite?	ninger Avenue verkander (1919) 24 mars – John M. Breit, verkander (1919)			
No						
No		onsite?				
No						
No						
Are there any additional EVC SCH 80	al supplies/equipment		nd when?			
No there any additionary of the SCH 80	al supplies/equipment	néeded? If so, what items a	nd when?			
Are there any additional EVC SCH 80	al supplies/equipment	néeded? If so, what items a	nd when?			
Are there any additional EVC SCH 80 Have there been any cl	al supplies/equipment	needed? If so, what items a	nd when?			
Are there any additional EVC SCH 80 Have there been any cl	al supplies/equipment	needed? If so, what items a schedule, including volumes (positive or negative)?	nd when?			
Are there any additional EVC SCH 80 Have there been any cl	al supplies/equipment	needed? If so, what items a	nd when?			
Are there any additional PVC SCH 80 Have there been any clude any	al supplies/equipment hanges to the current y operational feedbac	needed? If so, what items a schedule, including volumes (positive or negative)?	nd when?			
Are there any additional EVC SCH 80 Have there been any cl	al supplies/equipment hanges to the current y operational feedbac	needed? If so, what items a schedule, including volumes (positive or negative)?	nd when?			

Date:	- 1 1		mana Kalagrasa II Nordon 1911			
moderate with the management of the second	9/15/2012			Number:		97
			Unit N	lumber:	*	8
Client:	хто	İ		hift Onsite Time:	C.00.00ANA	
Location:	Nash 49		2022-Chapter of Class Servet Children			am/pm
Site Contact:	Bo Jackson			nift Offsite Time:	18:00:00 PIVI 12 hrs	am/pm Total hrs.
Site Contact:	Sammy Dean		235 cm 100 cm 10	Onsite Activities:		enance
Oite Contact.	Saminy Dean		riesent	Offsite Activities.	Maili	enance
Processing Hrs To	oday: 0 hrs	Cilmittati		0-20	416	
BBLS Processed To	oday: 0 hrs	Cumulativ Cumulativ		nrs: sed:		hrs 47 bbls
BBLS/Hr Process			BBLS/Hr.Proc			bbl/hr
BBL3/Hr.Processi	eu: 512.5	Cumulative	BBF2/HL KLOC	essea:	453.2	DDI/NF
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator	Adam Pollard	10:00		N/A	N/A	N/A
Crew	Ray Lee	12:00		N/A	N/A	N/A
		14:00		N/A	N/A	N/A
		16:00		N/A	N/A	N/A
		18:00		N/A	N/A	N/A
		20:00		N/A	N/A	N/A
<u> </u>						
<u> </u>		Chemical	Usage	Start Inv.	End Inv.	On Order
L		HcL Acid	0	5,500	5,500	NO
artifatessari		Sodium Hydroxide	0	5,000	5,000	No
Visitors:	Bo Jackson					
Visitors:						
	l l					
Visitors:						
Visitors:						
	The analysis of the analysis o				3.000 X 200 X 2.000 (1)	TSUURAS AREUMANA
Vere there any abnorm	nal operational issues onsit	e?				Smirks skurfur. Lugar Langs Skurfur.
	nal operational issues onsit	e?				- Smirek Skunderse Lund add Rayes (n.
Vere there any abnorm	ial operational issues onsit	e?				
Vere there any abnorm	nal operational issues onsit	€?				kur Masyla
Vere there any abnorm to						
Vere there any abnorm to	nal operational issues onsit					
Vere there any abnorm to						
Vere there any abnorm to						
Vere there any abnorm to Vere there any additiona EVC SCH 80		ed?If so, what items and v	ŵhen?	TELECONOMIC TO THE TELECONOMIC T	stringer in a	
Vere there any abnorm to Vere there any additiona EVC SCH 80	il supplies/equipment need	ed?If so, what items and v	ŵhen?	TELECONOMIC TO THE TELECONOMIC T	stringer in a second se	
Vere there any abnorm to Are there any additiona PVC SCH 80 Have there been any ch	il supplies/equipment need	ed?If so, what items and v	ŵhen?	TELECONOMIC TO THE TELECONOMIC T	stringer in a second se	
Vere there any abnorm to Are there any additiona PVC SCH 80 Have there been any ch	il supplies/equipment need	ed? If so, what items and v	when?	7	(計劃學多數的) (注:) (注: >((((((((((((((((((
Vere there any abnorm to Are there any additiona PVC SCH 80 Have there been any ch	il supplies/equipment need	ed? If so, what items and value, including volumes ne	when?	TELECONOMIC TO THE TELECONOMIC T		
Vere there any abnorm to Are there any additiona PVC SCH 80 Have there been any ch	il supplies/equipment need	ed? If so, what items and v	when?	7	(計劃學多數的) (注:) (注: >((((((((((((((((((
Vere there any abnorm to Are there any additiona PVC SCH 80 Have there been any ch	il supplies/equipment need	ed? If so, what items and value, including volumes ne	when?	7		
Vere there any abnorm to Are there any additiona PVC SCH 80 Have there been any chilo the school of the school o	il supplies/equipment need nanges to the current sched	ed? If so, what items and value, including volumes ne	when?	7		
Vere there any abnorm to Are there any additiona PVC SCH 80 Have there been any ch	il supplies/equipment need nanges to the current sched	ed? If so, what items and value, including volumes ne	when?	7		

Date:	9/16	/2012	1	Report	Number:	9	98
			ʻ [lumber:		8
Client:	X.	τo		**************************************	hift Onsite Time:	6:00:00AM	am/pm
Location:	Nas	h 49			nift Offsite Time:	18:00:00 PM	am/pm
Site Contact:	Bo Ja	ckson]			12 hrs	Total hrs.
Site Contact:	Samm	y Dean	l	Present (Onsite Activities:	Maint	enance
Processing Hrs To	20.37.76420	0 hrs	Cimulatio	- Data - a Silan	Hrs:	416	hrs
BBLS Processed T		0 hrs 0 bbls			sed:		47 bbls
		512.5	100000000000000000000000000000000000000	the state of the s			
BBLS/Hr Process	eu:	512.5	Cumulative E	BES/HT Proce	essea:	453.2	bbl/hr
Lead Supervisor:	Samm	y Dean	Readings:	flow back	Volts/Amps	∯рН	Turbidity
Lead Operator	Adam	Pollard	10:00		N/A	N/A	N/A
Crew	Ray	Lee	12:00		N/A	N/A	N/A
			14:00		N/A	N/A	N/A
			16:00		N/A	N/A	N/A
ļ			18:00		N/A	N/A	N/A
<u> </u>			20:00		N/A	N/A	N/A
			Chemical	Üsage	Start Inv. 🖔	End Inv.	On Order
			HcL Acid	0	5,500	5,500	NO
			Sodium Hydroxide	0	5,000	5,000	No
Visitors:	Bo Ja	ckson					
Visitors:			l				
Visitors:] []			L	
Vere there any abnorm	nal operatio	nal issues onsit	te?				
lo							
Service manage	270-1 270-0	7	S: 12 12 7 20 1 20 20 20 10 10 10 10 10 10 10 10 10 10 10 10 10			no are a "Losseller Rivor Andre	0.3253
re there any additiona VC SCH 80	il supplies/	equipment need	ed? If so, what items and v	vhen?			
VO 001100							
							
lave there been any cl	nanges to th	ne current sched	dule, including volumes ne	eded by client	?		-y, 20110 C C
lo				-			
	v operation	al feadback (nos	sitive or negative\?	and all the control of the control o		ene - seemanden	
las client provided an	y Sperauoni	aeeaback (pos	Company:			хто	za zomeń. Komacijn
las client provided an			Impact		L	710	
Person:	g to gravity	feed clean water	from holding tanks to Poseic	don Tank.			

Commence 112 Management of the 191 Mile and a		ī				
Date:	9/17/2012			Number:		99
		į	Unit N	lumber:		8
Client:	XTO	ſ	S	hift Onsite Time:	6:00:00AM	am/pm
Location:	Nash 49			nift Offsite Time:		am/pm
Site Contact:	Bo Jackson				12 hrs	Total hrs.
Site Contact:	Sammy Dean		Present (Onsite Activities	Maint	enance
Processing Hr	s Today: 0 hrs	Cumulativ	e Processina	Hrs:	416	hrs
BBLS Processe				ssed:		47 bbls
BBLS/Hr Proc	essed: 512.5	Cumulative:	BBLS/Hr Proc	essed:		bbl/hr
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator	Eddie McGruder	10:00		N/A	N/A	N/A
Crew	Ray Lee	12:00		N/A	N/A	N/A
		14:00		N/A	N/A	N/A
		16:00		N/A	N/A	N/A
		18:00		N/A	N/A	N/A
		20:00		N/A	N/A	N/A
		Chemical	Usage	Start Inv.	End Inv.	On Order
		HcL Acid	0	5,500	5,500	NO
		Sodium Hydroxide	0	5,000	5,000	No
Visitors:	Bo Jackson					
Visitors:						
Visitors:					<u> </u>	
Vere there any abn	ormal operational issues onsite	e?				386
••						
Are there any additi	ional supplies/equipment neede	ed? If so, what Items and v	when?			
PVC SCH 80						
SOCONO NO SOCONO TIMEN N	y changes to the current sched	iila includina valumes na	anded by client	2		
iave there hoon on	Vourringes/cornie content action	are, including volumes ne	eded by/client	• • · · · · · · · · · · · · · · · · · ·		**************************************
lave there been an No						
No						
No Has client provided	any operational feedback (pos					
No Has client provided Rerson:	any operational feedback (pos	Company:			хто	
ias client provided	trying to gravity feed clean water	Company:			XTO	

Date:	9/18	/2012		Report	Number:	1	00
				Unit N	lumber:		8
		1	,	830000 1000 100 APT To Committee Com	Sharana i Sanana i i Sanana		
Client:		TO			hift Onsite Time:	6:00:00AM	am/pm
Location:		h 49		***************************************	nift Offsite Time:	18:00:00 PM	am/pm
Site Contact:		ckson				12 hrs	Total hrs.
Site Contact:	Samm	y Dean	· ·	Present	Onsite Activities:	Maint	enance
Processing Hrs	s Today:	8 hrs	Cumulativ	e Processing	Hrs:	424	hrs
BBLS Processed		3,005 bbls			ssed:		52 bbls
BBLS/Hr Proce		512.5		BBLS/Hr Proc			bbl/hr
			THE STATE OF THE S			· · · · · · · · · · · · · · · · · · ·	-
Lead Supervisor:	Samm	y Dean	Readings:	flow back	Volts/Amps	рН,∴	Turbidity
Lead Operator		lcGruder	10:00		110	6.89	0.785
Crew 300 2	Ray	Lee	12:00		110	7.54	0.983
			14:00		110	7.85	1.891
			16:00		110	7.36	0.985
			18:00		N/A	N/A	N/A
			20:00		N/A	N/A	N/A
L			Chemical	Usage	Start Inv. 🖖	End Inv.	On Order
L			HcL Acid	0	5,500	5,200	NO
The second secon			Sodium Hydroxide	0	5,000	4,750	No
Visitors:		ckson					
Visitors:	Select	Services					-
Visitors:							
Visitors:							***************************************
							essore essential
Were there any abno	ormal operatio	nal issues onsite	∍?				eser Sen (47) V
Were there any abno	ormal operatio	nal issues onsit	9 ?				
Were there any abno	ormal operatio	nal issues onsito	9 ?				
Were there any abno	ormal operatio	nal issues onsiti	9?				
Were there any abno No							
Were there any abno No Are there any addition			ed? If so, what items and				
Were there any abno No Are there any addition							
Were there any abno No Are there any addition							
Were there any abno No Are there any addition PVC SCH 80	onal supplies/	equipment need	ed? If so, what items and \	when?			
Were there any abno No Are there any addition PVC SCH 80 Have there been any	onal supplies/	equipment need		when?			
Were there any abno No Are there any addition PVC SCH 80 Have there been any	onal supplies/	equipment need	ed? If so, what items and \	when?			
Were there any abno No Are there any addition PVC SCH 80 Have there been any	onal supplies/	equipment need	ed? If so, what items and \	when?			
Were there any abno No Are there any addition PVC SCH 80 Have there been any No	onal supplies/d	equipment needs	ed? If so, what items and v	when?			
Were there any abno No Are there any addition PVC SCH 80 Have there been any No	onal supplies/d	equipment needs	ed? If so, what items and v	when?			
Were there any abno No Are there any addition PVC SCH 80 Have there been any No Has client provided	onal supplies/d	equipment needs	ed? If so, what items and value, including volumes ne	when?			
Were there any abno No Are there any addition PVC SCH 80 Have there been any No Has client provided	onal supplies/sychanges to the	equipment needs	ed? If so, what items and value, including volumes ne	when?			

Site Contact: Bo Jackson Site Contact: Bo Jackson Site Contact: Sammy Dean Present Onsite Activities: Maintenant Maintenant	
Client: XTO Location: Nash 49 Shift Contact: Bo Jackson Sité Contact: Sammy Dean Processing 'Hrs Today: 3 hrs BBLS/Processed Today: 1,366 bbls BBLS/Hr Processed: 19,918 t Cumulative BBLS Processed: 19,918 t Cu	
Client: XTO Location: Nash 49 Site Contact: Bo Jackson Site Contact: Sammy Dean Processing Hrs Today: 3 hrs BBLS Processed Today: 1,366 bbls BBLS Processed: 19,918 t Cumulative BBLS Processed: 19,918 t Processed: 19,9	
Shift Offsite Time: 14:00:00 PM Shift Offsite Time: 14:00:	
Shift Offsite Time: 14:00:00 PM Shift Offsite Time: 14:00:	
Site Contact: Sammy Dean Processing Hrs Today: 3 hrs BBLS/Hr Processed: 512.5 BBLS/Hr Processed: 512.5 Lead Supervisor: Sammy Dean Lead Operator Eddie McGruder 10:00 110 6.89 12:00 110 7.54 14:00 1110 7.85 16:00 N/A N/A N/A 18:00 N/A N/A N/A 18:00 N/A N/A N/A 18:00 N/A N/A N/A 18:00 N/A N/A N/A 18:00 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	am/pm
Processing Hrs Today: 3 hrs BBLS Processed Today: 1,366 bbls BBLS/Hr Processed: 512.5 BBLS/Hr Processed: 512.5 Lead Supervisor: Sammy Dean Readings: flow back Votts/Amps bbls Crew Ray Lee Readings: flow back Votts/Amps bbls Flow back Votts/Amps bbls Flow back Votts/Amps bbls Crew Ray Lee Readings: flow back Votts/Amps bbls Today: 451.8 bbl Readings: flow back Votts/Amps bbls Today: 451.8 bbl Readings: flow back Votts/Amps bbls Today: 451.8 bbl Readings: flow back Votts/Amps bbls Today: 451.8 bbl Readings: flow back Votts/Amps bbls Today: 451.8 bbl Readings: flow back Votts/Amps bbls Today: 451.8 bbl Readings: flow back Votts/Amps bbls Today: 451.8 bbls Today: 451.8 bbls Readings: flow back Votts/Amps bbls Today: 451.8 bbls Today: 451.8 bbls Readings: flow back Votts/Amps bbls Today: 451.8	am/pm
Processing Hrs Today: 3 hrs BBLS/Processed: 1,366 bbls BBLS/Hr Processed: 512.5 Cumulative BBLS/Hr Processed: 192,918 b Cumulative BBLS/Hr Processed: 192,918 b Cumulative BBLS/Hr Processed: 192,918 b Cumulative BBLS/Hr Processed: 451.8 bbl Cumulative BBLS/Hr Processed: 451.8 bbl Cumulative BBLS/Hr Processed: 451.8 bbl Cumulative BBLS/Hr Processed: 451.8 bbl Cumulative BBLS/Hr Processed: 451.8 bbl Cumulative BBLS/Hr Processed: 192,918 b Today Ball Processed: 192,918 b Today Ball Processed: 192,918 b Today Ball Processed: 192,918 b Today Ball Processed: 192,918 b Today Ball Processed: 192,918 b Today Ball Processed: 192,918 b Today Ball Processed: 192,918 b Today Ball Processed:	otal hrs.
BBLS/Processed: 1,366 bbls BBLS/Hr Processed: 512.5 Cumulative BBLS Processed: 192,918 b Cumulative BBLS Processed: 192,918 b Cumulative BBLS Processed: 451.8 bbl Cumulative BBLS Processed: 451.8 bbl Cumulative BBLS Processed: 451.8 bbl Cumulative BBLS Processed: 451.8 bbl Cumulative BBLS Processed: 451.8 bbl Cumulative BBLS Processed: 451.8 bbl Cumulative BBLS Processed: 192,918 b Cumulative BBLS Processed: 192,918 b Cumulative BBLS Processed: 192,918 b Cumulative BBLS Processed: 451.8 bbl Cumulative BLS Processed: 451.8 bbl Cumulative BBLS Processed: 451.8 bbl Cumulative BLS Processed: 451.8 bbl Cumulative BLS Processed: 451.8 bbl Cumulative BLS Processed: 451.8 bbl Cumulative Block Volts Processed: 451.8 bbl Cumulative Block Volts Processed: 451.8 bbl Cumulative Block Volts Processed: 451.8 bbl Cumulative Bloc	ce
BBLS/Processed: 1,366 bbls BBLS/Hr Processed: 512.5 Cumulative BBLS Processed: 192,918 b Cumulative BBLS Processed: 192,918 b Cumulative BBLS Processed: 451.8 bbl Cumulative BBLS Processed: 451.8 bbl Cumulative BBLS Processed: 451.8 bbl Cumulative BBLS Processed: 451.8 bbl Cumulative BBLS Processed: 451.8 bbl Cumulative BBLS Processed: 451.8 bbl Cumulative BBLS Processed: 192,918 bbl Cumulative BBLS Processed: 192,918 bbl Cumulative BBLS Processed: 451.8 bbl Cumulative BBLS Processed: 192,918 bbl Cumulative BBLS Processed: 192,918 bbl Cumulative BBLS Processed: 192,918 bbl Cumulative BBLS Processed: 192,918 bbl Cumulative BBLS Processed: 451.8 bbl Cumulative BLS Processed: 451.8 bbl Cumulative BLS Processed: 451.8 bbl Cumulative BLS Processed: 451.8 bbl Cumulative BLS Processed: 451.8 bbl Cumulative BLS Processed: 451.8 bbl Cumulative BLS Processed: 451.8 bbl Cumulative BLS Processed: 451.8 bbl Cumulative BLS Processed: 451.8 bbl Cumulative BLS Processed: 451.8 bbl Cumulative BLS Processed: 451	
BBLS/Hr Processed: 512.5 Cumulative BBLS/Hr Processed: 451.8 bbl Lead Supervisor: Sammy Dean Lead Operator Eddie McGruder Crew Ray Lee 12:00 110 7.54 14:00 1110 7.85 16:00 N/A N/A 18:00 N/A N/A 18:00 N/A N/A 20:00 N/A N/A Chemical: Usage Start Inv. End Inv. End Inv. Chemical: Usage Start Inv. Chemical: Usage Start Inv. Chemical:	rs
Lead/Supervisor: Lead/Operator Eddie McGruder Ray Lee 10:00 110 6.89 12:00 110 7.54 14:00 110 7.85 16:00 N/A N/A 18:00 N/A N/A 18:00 N/A N/A 18:00 N/A N/A N/A 18:00 Visitors: Bo Jackson Visitors: Select Services Visitors: Bo Wells Vere there any additional supplies/equipment needed? If so, what items and when? PCC SCH 80 Including volumes needed by client? Including volumes needed by client?	
Lead Operator Eddie McGruder 10:00 110 6:89 12:00 110 7:54 14:00 110 7:54 14:00 110 7:85 16:00 N/A N/A N/A 18:00 N/A N/A N/A 18:00 N/A N/A N/A 18:00 N/A N/A N/A N/A 18:00 N/A N	/hr
Lead Operator Eddie McGruder 10:00 110 6.89 12:00 110 7.54 14:00 110 7.85 14:00 110 7.85 16:00 N/A N/A N/A 18:00 N/A N/A N/A 18:00 N/A N/A N/A 18:00 N/A N/A N/A N/A 18:00 N/A N	urbidity
14:00	0.785
16:00 N/A N/A N/A 18:00 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	0.983
18:00 N/A N/A 20:00 N/A N/A N/A N/A Chemical Usage Start Inv. End Inv. C HcL Acid 0 5,200 5,100 Sodium Hydroxide 0 4,750 4,700 Visitors: Select Services Visitors: Bo Wells Vere there any abnormal operational issues onsite? No Vere there any additional supplies/equipment needed? If so, what items and when? VC SCH 80 lave there been any changes to the current schedule, including volumes needed by client? Ido last client provided any operational feedback (positive or negative)?	1.891
20:00 N/A N/A Chemical Usage Start Inv. End Inv. Co Hct Acid 0 5,200 5,100 Sodium Hydroxide 0 4,750 4,700 Visitors: Select Services Visitors: Bo Wells Were there any abnormal operational issues onsite? No Our of there any additional supplies/equipment needed? If so, what items and when? PVC SCH 80 Have there been any changes to the current schedule, including volumes needed by client? No Have there been any changes to the current schedule, including volumes needed by client? No Has client provided any operational feedback (positive or negative)?	N/A
Chemical Usage Start Inv. End Inv. Comparison of the Chemical Usage Start Inv. Comparison of the Chemical Usage Start Inv. Comparison of t	N/A
Were there any additional supplies/equipment needed? If so, what items and when? Were there been any changes to the current schedule, including volumes needed by client? Ido Hct Acid 0 5,200 5,100 Sodium Hydroxide 0 4,750 4,700 Sodium Hydroxide 1 5,00	N/A
Were there any additional supplies/equipment needed? If so, what items and when? Were there been any changes to the current schedule, including volumes needed by client? Ido Hct Acid 0 5,200 5,100 Sodium Hydroxide 0 4,750 4,700 Sodium Hydroxide 1 5,00	n Order
Visitors: Select Services Visitors: Bo Wells Were there any abnormal operational issues onsite? Are there any additional supplies/equipment needed? If so, what items and when? PVC SCH 80 Have there been any changes to the current schedule, including volumes needed by client? No Has client provided any operational feedback (positive or negative)?	NO
Visitors: Bo Wells Were there any abnormal operational issues onsite? No Are there any additional supplies/equipment needed? If so, what items and when? PVC SCH 80 Have there been any changes to the current schedule, including volumes needed by client?	No
Were there any abnormal operational issues onsite? No Are there any additional supplies/equipment needed? If so, what items and when? PVC SCH 80 Have there been any changes to the current schedule, including volumes needed by client?	
Were there any abnormal operational issues onsite? No Are there any additional supplies/equipment needed? If so, what items and when? PVC SCH 80 Have there been any changes to the current schedule, including volumes needed by client? No Has client provided any operational feedback (positive or negative)?	
Are there any additional supplies/equipment needed? If so, what items and when? PVC SCH 80 Have there been any changes to the current schedule, including volumes needed by client? No Has client provided any operational feedback (positive or negative)?	
Are there any additional supplies/equipment needed? If so, what items and when? PVC SCH 80 Have there been any changes to the current schedule, including volumes needed by client? No Has client provided any operational feedback (positive or negative)?	
Are there any additional supplies/equipment needed? If so, what items and when? PVC SCH 80 Have there been any changes to the current schedule, including volumes needed by client? No Has client provided any operational feedback (positive or negative)?	SENSO E PONTE
Are there any additional supplies/equipment needed? If so, what items and when? PVC SCH 80 Have there been any changes to the current schedule, including volumes needed by client?	Maca A
Alaye there been any changes to the current schedule, including volumes needed by client? No Has client provided any operational feedback (positive or negative)?	
Alaye there been any changes to the current schedule, including volumes needed by client? No Has client provided any operational feedback (positive or negative)?	
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Have there been any changes to the current schedule, including volumes needed by client? No Has client provided any operational feedback (positive or negative)?	1000
las client provided any operational feedback (positive or negative)?	
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las client provided any operational feedback (positive or negative)?	
200900 - 1000000 - 100000 - 10	
2000000 - 0 0000000 - 0 000000000 - 0 000000	
Person: XTO	Part Same
Additional Comments	
elect Services will use teir pump to pump water from holding tanks to Poseidon Tank.	
steet services with use tell pump to pump water from notuing tanks to Poseidon falik.	

Date:	9/20/2012	[Report	Number	1	02
CA DEL CAMPAGNA D'ALC.	3/20/2012		Unit N			8
		·				
Client:	XTO	[S	hift Onsite Time:	6:00:00AM	am/pm
Location:	Nash 49			hift Offsite Time:	20:00:00 PM	am/pm
Site Contact:	Bo Jackson				14 hrs	Total hrs.
Site Contact:	Sammy Dean		Present (Onsite Activities:	Maint	enance
Processing Hrs T	odav: 8 hrs	Cumulativ	e Processino	H rs : % / ₂ - ***	435	hrs
BBLS Processed 1			BBLS Proces			94 bbls
BBLS/Hr Proces		THE STATE OF THE S	W A. W .A	essed:		bbl/hr
2)						
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	pН	Turbidity
Lead Operator	Eddie McGruder	10:00		110	7.78	1.90
Crew	Ray Lee	12:00		110	7.13	.483
		14:00		110	7.09	.319
		16:00		110	7	0.209
		18:00		N/A	N/A	N/A
		20:00		N/A	N/A	N/A
		Chemical	Usage	Start Inv.	End Inv.	On Order
		HcL Acid	0	5,100	4,800	NO
		Sodium Hydroxide	0	4,700	4,400	No
Visitors:	Bo Jackson					
Visitors:	Select Services					
Visitors:	Bo Wells			l		
tomorphic management and the properties	nada se manggara mara a pala tipo tipo tipo e e a c	**************************************		EN PROPERTY OF THE PROPERTY OF	67 1.2 (BASC - 157 EASTER 186	DANG STEEN PROBABILISME
vere tnere any abnori Io	mal operational issues onsit	e/				
10						
 						
re there any addition	al supplies/equipment need	ed? If so what items and y	vhen?			
VC SCH 80	idi:anbhuca/edaibiiiciit:iicea	ear in avewhat kenija anju je	WHOH, Participation of the		Magazatan Makeman	
lave there been any c	hanges to the current sched	dule, including volumes ne	eded by client	?	(CMCST	
10			,		3-12,43467-51	
					,	
las client provided ar	ny operational feedback (pos	sitive or negative)?				
		Company:			хто	
Person:						
Person:						
Person: Additional Comm						

Date:	0/21/20	12	1	welshing #	A 12 A 14 A 15 A 15 A 15 A 15 A 15 A 15 A 15		
Date:	9/21/20	12			Number:		8
			'	1000			
Client:	хто			* S	hift Onsite Time:	6:00:00AM	am/pm
Location:	Nash 4	9			nift Offsite Time:	20:00:00 PM	am/pm
Site Contact:	Bo Jacks	son				14 hrs	Total hrs.
Site Contact:	Sammy D	ean		Present (Onsite Activities:	Maint	tenance
Processing Hrs		2 hrs		e Processing		437	hrs
BBLS Processe		,967 bbls	Cumulative			199,3	61 bbls
BBLS/Hr Proc	essed:	512.5	Cumulative	BBLS/Hr Proc	essed: 🔆	456.2	bbl/hr
Lead Supervisor:	Sammy D	ean	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator	Eddie McG		10:00		110	7.2	1.15
Crew	Ray Le		12:00		N/A	N/A	N/A
	Christopher	Perry	14:00		N/A	N/A	N/A
			16:00		N/A	N/A	N/A
			18:00		N/A	N/A	N/A
			20:00		N/A	N/A	N/A
			Chemical	Usage	Start Inv.	End Inv.	On Order
	·		HcL Acid	0	4,800	4,750	NO
			Sodium Hydroxide	0	4,400	4,350	No
Visitors:	Bo Jacks	son			•		
Visitors:	Select Ser			-,.			
Visitors:	Bo Wel	Is	<u> </u>			l	
	···						
Were there any abno	ormal operational	issues onsite	?	No.		and the contract of the contra	
No			• *************************************	SEERSE CONSTRUCTION OF THE SERVICE	CULT A APPRICATION OF THE PROPERTY OF THE PROP	\$80,000,000,000,000,000,000,000,000,000,	CL PAGE TO STATE OF THE STATE O
Car to the control of the care	anto o servicio de la composició de la c	.V X-853 (900X)		Tunking I minerature and	Constant Con	sering Nazi Pr Chiboni (80	Frank Confession (Consession (
PVC SCH 80	onai supplies/equ	ipment needed	d? If so, what items and v	vhen?			
1 40 001100							
Have there been any	y changes to the c	urrent schedu	ile, including volumes ne	eded by client	?	(Janu	ri ya kana ka ka ka ka ka ka ka ka ka ka ka ka ka
No		1990					
Hàn aliant neouidea	'ani/'ana-ational t			Bullement (1874 1988)	7. V. (7. N. (1. N. (7. N. (7. N. (7. N. (7. N. (7. N. (7. N. (7. N. (7. N. (1. N. (7. N. (1. N. (7. N. (7. N. (7. N. (7. N. (7. N. (7. N. (7. N. (7. N. (1. N. (7. N. (7. N. (7. N. (7. N. (7. N. (7. N. (7. N. (7. N. (1. N. (7. N. (1. N. (7. N. (7. N. (7. N. (7. N. (1. N. (7. N. (1.	**************************************	The second secon
Person:	any operational in	edback (posit	live or negative)?			XTO	
**************************************	, <u></u>	· · ·			<u> </u>		
A Adding - 10	amanta a						
Additional Con	iments						
JSA performed, did m	naintenance on uni	ts and houseke	eping.				

Date:	9/22/	2012			Number:	1	04
				Unit I	Number:		8
Processing Company of the Company of				Name of the second			
Client:	XT			1.17H 27	hift Onsite Time:	6:00:00AM	am/pm_
Location:	Nash				hift Offsite Time:	12:00 PM	am/pm
Site Contact:	Bo Jac					14 hrs	Total hrs.
Site Contact:	Sammy	Dean		Present	Onsite Activities	Maint	enance
Processing Hrs	Today:	4 hrs	Cumulati	e Processina	Hrs:	441	hrs
BBLS Processed		2,982 bbls			ssed:		43 bbls
BBLS/Hr Proce		512.5			essed:	<u> </u>	bbl/hr
						100.0	
Lead Supervisor:	Sammy	Dean	Readings:	flow back	® Volts/Amps ■	pH.	Turbidity
Lead Operator	Eddie M		10:00		110	6.84	1.67
Crew	Ray	Lee	12:00		110	7.35	1.02
	Christoph		14:00		N/A	N/A	N/A
<u> </u>			16:00		N/A	N/A	N/A
			18:00		N/A	N/A	N/A
			20:00		N/A	N/A	N/A
L			Chemical	Usage	Start Inv.	End Inv.	On Order
L			HcL Acid	0	4,750	4,600	NO
200 - 200 -			Sodium Hydroxide	0	4,350	4,200	No
Visitors:	Bo Jac						
Visitors:	Select S						!
Visitors:	Bo V	/elis		<u> </u>	1	ļ	
Targett of the second s	and the property of the same	Markey and the contract of the		COLUMN TO THE STATE OF THE STAT	NAME OF THE PARTY		enda omo y septembro de los Como
Nore there any ener	ormal operation	al issues onsite	97				
				ALAMAN IN THE STATE OF THE STAT			
No			and the second s				
			6 TROUGH COLUMN AMERICA (A. 1996 TIG), Life AND ALL LIFE				
No		mass an accommodal livery in a great					
No Are there any addition		quipment neede	d?lf.so, what items and				
No		quipment₁neede					
No Are there any addition		quipment neede					
Are there any addition	nal/supplies/e		d? If so, what items and	when?			
Are there any addition	nal/supplies/e			when?			
Are there any addition of the second of the	nal/supplies/e		d? If so, what items and	when?			
Are there any addition of the second of the	nal/supplies/e		d? If so, what items and	when?			
Are there any addition OVC SCH 80 Have there been any	nal/supplies/e	e current sched	d? If so, what items and	when?			
Are there any addition OVC SCH 80 Have there been any	nal/supplies/e	e current sched	d? If so, what items and	when?			
Are there any addition of the control of the contro	nal/supplies/e	e current sched	d? If so, what items and ule, including volumes no	when?			
Are there any addition OVC SCH 80 Have there been any No Has client provided	onal supplies/e	e current sched	d? If so, what items and ule, including volumes no	when?			

JSA performed, did maintenance on units and housekeeping. Filled holding tanks to 13' waiting on select well service to come out and transfer water to poseidon tank.

Date:	9/23	/2012		Report	Number:		105
	2,20,				lumber:		8
						,	
Client:	X	ГО		S	hift Onsite Time:	6:00:00AM	am/pm
Location:	Nas	h 49		₹	hift Offsite Time:	12:00 PM	am/pm
Site Contact:	Bo Ja	ckson				14 hrs	Total hrs.
Site Contact:	Samm	y Dean		Present	Onsite Activities:	Maint	enance
Proceeding Ur	*Todove	2 hrs	Cumulativ	o Deceasion	Hrs:	443	hrs.
Processing Hrs BBLS Processes		2 hrs 1,441 bbls		e BBLS Proces			hrs 84 bbls
BBLS/Hr Proc		512.5			essed:	<u> </u>	bbl/hr
BBES/III I TOC	coscu.	312.3	Cumulative	DIDES/HITETOC	esseu.	400.0	OUMI
Lead Supervisor:	Samm	y Dean	Readings:	flow back	Volts/Amps	pН	Turbidity
Lead Operator	Eddie M	cGruder	10:00		110	6.79	1.91
Crew	Ray	Lee	12:00		N/A	N/A	N/A
	Christop	her Perry	14:00		N/A	N/A	N/A
			16:00		N/A	N/A	N/A
<u> </u>			18:00		N/A	N/A	N/A
-			20:00		N/A	N/A	N/A
1			Chemical	Usage	Start Inv.	End Inv.	On Order
Ţ			HcL Acid	0	4,600	4,500	NO
			Sodium Hydroxide	0	4,200	4,100	No
Visitors:	Bo Ja	ckson					
Visitors:	Select	Services					
Visitors:	Bo \	Vells					
lo			e? ed? If so, what items and v				
PVC SCH 80	* * * * * * * * * * * * * * * * * * *			The state of the s		790.0000000 790.000000000000000000000000	
lave there been any lo	/changes to th	e current sched	lule, including volumes ne	eded by client	(?	94.5	
	any operation	ıl feedback (pos	itive or negative)?	Farence and the state of the st			
las client provided Person:			Company:		1	XTO	

	_						
Date:	9/24/	/2012		Report	Number:	1	106
				Unit N	Number:		8
Client:	X	го		h S	hift Onsite Time:	6:00:00AM	am/pm
Location:	Nas	h 49			hift Offsite Time:	12:00 PM	am/pm
Site Contact:	Bo Ja	ckson				14 hrs	Total hrs.
Site Contact:	Samm	y Dean		Present	Onsite Activities:	Process Wat	er/Maintenance
Processing Hr	s Today:	2 hrs	Cumulativ	e Processino	Hrs:	445	hrs
BBLS Processe		1,156 bbls			ssed:		40 bbls
BBLS/Hr Proc		512.5		BBLS/Hr Proc			bbl/hr
Lead Supervisor:	Samm	y Dean	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator		cGruder	10:00		110	7.54	0.897
Crew		Lee	12:00		N/A	N/A	N/A
		her Perry	14:00		N/A	N/A	N/A
	Reginal	d White	16:00		N/A	N/A	N/A
			18:00		N/A	N/A	N/A
			20:00	<u> </u>	N/A	N/A	N/A
			Chemical	Usage	Start Inv.	End Inv.	On Order
			HcL Acid	Osage	4,500	4,450	NO
ı			Sodium Hydroxide	0	4,100	4,050	No
Visitors:	Bo Ja	ckson	Soutan Hydroxide	<u> </u>	4,100		
Visitors:	Select S	Services					
Visitors:	Bo V	Vells	-				
	ormal operation	nal issues onsite	?			unga Jawa	
No							
accept and brings a stortogram "	North and Tree-1800, or a	W William Manager as a la	**************************************	45° m	esti un i communicationa mante esti com communication	negatives (1905 et 2000 to 2000 et 2000 et 2000 et 2000 et 2000 et 2000 et 2000 et 2000 et 2000 et 2000 et 2000	er German and Galler In east reasonable angle admissible and
Are there any additi PVC SCH 80	ional supplies/e	quipment neede	d? If so, what items and	when?			
PVC SCIT 60							
	···						
Have there been an	v changes to th	e current sched	ule, including volumes ne	eded by clien	17		
No	3				•	Tariffe Service Service Committee	100 m 100 m 200 m 200 m
	any operation	il feedback (pos	tive or negative)?			Keek saniga as ta	X-41X-41
Person:			Company:			XTO	· ·
Additional Cor							
SA performed, did n	maintenance on (units and houseke	eping. Filled holding tanks	to 13' waiting o	on select well ser	vice to come o	ut and transfer
water to poseidon ta	ank.						

Date:	9/25/2012		Report	Number:	1	07
	0,10,0012			lumber:		8
Client:	ХТО	1 1		P	600,00114	1
Client: Location:	Nash 49			hift Onsite Time:		am/pm
Site Contact:	Bo Jackson			hift Offsite Time:	12:00 PM 6 hrs	am/pm Total hrs.
Site Contact:	Sammy Dean		Province of the Province of th	Onsite Activities:		enance
<u> </u>	. Odminy Bean	J · I	i i i i i i i i i i i i i i i i i i i	Onsite: Activities:	I Wall	enance
Processing Hrs T	oday: 0 hrs	Cumulativ	e Processing	Hrs:	445	hrs
BBLS Processed			BBLS Proces		204,9	40 bbls
BBLS/Hr Proces	sed: 512.5	Cumulative	BBLS/Hr Proc	essed:	460.5	bbl/hr
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	pH 🦠	Turbidity
Lead Operator	Eddie McGruder	10:00		N/A	N/A	N/A
Crew	Ray Lee	12:00		N/A	N/A	N/A
<u></u>	Christopher Perry	14:00		N/A	N/A	N/A
<u> </u>	Reginald White	16:00		N/A	N/A	N/A
<u> </u>		18:00		N/A	N/A	N/A
		20:00	,	N/A	N/A	N/A
		Chemical	Usage	Start Inv.	End Inv.	On Order
	m*+-	HcL Acid	0	4,450	4,450	NO
44.444		Sodium Hydroxide	0	4,050	4,050	No
Visitors:	Bo Jackson					
Visitors:	Select Services	i		<u></u> .		
Visitors:	Bo Wells	<u> </u>			L	<u> </u>
0	mal operational issues onsit					
VC SCH 80		,	2003.20011111209.2000	11 7 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 100 100 100 100 100 100 100 100 100 1	O COLUMN EINENSCHAFTEN
ave there been any c o	hanges to the current sched	dule, including volumes ne	eded by client	?		
as client provided ar	ny operational feedback (pos	sitive or negative)?		Time to the second of the seco	XTO	7.4.60 E
(0,3011, 0,3011			***************************************			
, 0,3077.						

Date:						
	9/26/2012		Report	Number:	1	08
			Unit N	lumber:		8
Client:	XTO		5	hift Onsite Time:	6:00:00AM	am/pm
Location:	Nash 49		S	nift Offsite Time:	12:00 PM	am/pm
Site Contact:	Bo Jackson				6 hrs	Total hrs.
Site Contact:	Sammy Dean		Present	Onsite Activities:	Process Wate	er/Maintenan
	T*************************************	S. Santa Manager and A. Carlotte	· · · · · · · · · · · · · · · · · · ·	O	140	L
BBLS Processed			e Processing	Hrs: ssed:	449	hrs
BBLS/Hr Proce		***************************************	BBLS/Hr Proces			10 bbls
BBL3/HisF10Ce	3556u. 512.5	Cumulative	DDC3/HI2F10C	esseu:	463.1	bbl/hr
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	рН	Turbidity
Lead Operator	Eddie McGruder	10:00		110	7.10	3.31
Crew	Ray Lee	12:00		110	7.65	1.96
	Christopher Perry	14:00		N/A	N/A	N/A
	Reginald White	16:00		N/A	N/A	N/A
L		18:00		N/A	N/A	N/A
-		20:00		N/A	N/A	N/A
-		Chemical	Usage	Start Inv.	End Inv.	On Order
-		HcL Acid	Osage 0	4,450	4,200	NO
L		Sodium Hydroxide	0	4,050	3,800	No
Visitors:	Bo Jackson	30didili Tiyatoxide	, , , , , , , , , , , , , , , , , , ,	4,030	3,800	140
Visitors:	Select Services					
Visitors:	Bo Wells					
		<u> </u>				
	ormal operational issues on	site?				
	ormal operational issues on	site?				
	ormal operational issues on	site?				
	ormal operational issues on	site?				
lo						
lo re there any additio		site?				52.4 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3
lo ve there any additio						
40						
ve there any addition	onal supplies/equipment ne	eded? If so, what items and	when?		ROS - CONTROL OF THE	
ve there any addition	onal supplies/equipment ne		when?		ROS - CONTROL OF THE	See See See
re there any addition VC SCH 80	onal supplies/equipment ne	eded? If so, what items and	when?		ROS - CONTROL OF THE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
re there any addition VC SCH 80 lave there been any lo	onal supplies/equipment ne	eded? If so, what items and, nedule, including volumes ne	when?	?	ROS - CONTROL OF THE	
re there any addition VC SCH 80 lave there been any lo	onal supplies/equipment ne	eded? If so, what items and, nedule, including volumes ne	when? eded by client			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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Date:	9/27/2012	1	Renort	Number:		109
magaza, mg	3/2//2012	1		lumber:		8
Client:	XTO			hift Onsite Time:		am/pm
Location:	Nash 49			hift Offsite Time:	12:00 PM	am/pm
Site Contact: Site Contact:	Bo Jackson Sammy Dean	,	21.1	Onsite Activities:	6 hrs	Total hrs. er/Maintenance
Site Contact.	Saminy Dean		riesein	Offsite Activities	Process vvai	enwantenance
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BBLS/Hr Proc	essed: 512.5	Cumulative				bbl/hr
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	pН	Turbidity
Lead Operator	Eddie McGruder	10:00	Committee of the second second second	110	7.54	1.19
Crew	Ray Lee	12:00		N/A	N/A	N/A
	Christopher Perry	14:00		N/A	N/A	N/A
	Reginald White	16:00		N/A	N/A	N/A
		18:00		N/A	N/A	N/A
		20:00		N/A	N/A	N/A
			· ·			
	- · · · · · · · · · · · · · · · · · · ·	Chemical	Usage	Start Inv.	End Inv.	
Į.		HcL Acid	0	4,200	4,100	NO
masussess)		Sodium Hydroxide	0	3,800	3,700	No
Visitors: Visitors:	Bo Jackson					
Visitors:	Select Services Bo Wells				<u> </u>	-
/·/···································	DO Wells				<u> </u>	
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No	ormalioperationalissuesionsit	er.				BRADIO PRATICO BRANCOS
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Are there any additi	onal supplies/equipment need	ed? If so what items and v	when?		·	
PVC SCH 80				P(::::)-Quick 179 ():::::::::::::::::::::::::::::::::::	Stratomi II jumini Hathima	eliminantistan and servening
Have there been an	y changes to the current sched	lule includina volumes ne	eded by client	7		######################################
No	<i>y</i>			•	24,000,000,000,000,000,000,000,000,000,0	epenineller Strockhart Elling 125
						
Has client provided	any operational feedback (pos	sitive or negative)?	Market St. Charling and			
Person:		Company:		100000000000000000000000000000000000000	хто	And the second s
Additional Cor						
	naintenance on units and housek		ing on select to	transfer water fr	om holding ta	nks to Poseidon
rank.Filled up Poseic	lon Tank Frac Job started today h	nave enough water for job.				

		ı				
Date:	9/28/2012			Number:	1	10
			Unit N	umber: 🛒 🦎		8
Client:	XTO	1	SI SI	nift Onsite Time:	6:00:00AM	am/pm
Location:	Nash 49			nift Offsite Time:	12:00 PM	am/pm
Site Contact:	Bo Jackson		\$45.0X##6655F9 <u>1</u>		6 hrs	Total hrs.
Site Contact:	Sammy Dean		Present (Onsite Activities:	Maint	enance
Processing Hrs 1	oday: 0 hrs	Cumulativ	e Processina	Hre:	451	hrs
BBLS Processed				sed:		55 bbls
BBLS/Hr Proces		**************************************		essed:		bbl/hr
					700.0	
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	pH	Turbidity
Lead Operator	Eddie McGruder	10:00		N/A	N/A	N/A
Crew	Ray Lee	12:00		N/A	N/A	N/A
	Christopher Perry	14:00		N/A	N/A	N/A
	Reginald White	16:00		N/A	N/A	N/A
		18:00		N/A	N/A	N/A
<u></u>		20:00		N/A	N/A	N/A
<u> </u>						
_		Chemical		Start Inv.	End Inv.	
		HcL Acid	0	4,100	4,100	NO
		Sodium Hydroxide	0	3,700	3,700	No
Visitors:	Bo Jackson		ļ			<u> </u>
Visitors:	Select Services Bo Wells					<u> </u>
VISILOIS.	DO Wells	l I			<u></u>	i
57 - 150 - 1						
16.7.50m/898888						
				System Control of the		
Were there any abnor	mal operational issues onsit	e?				
	mal operational issues onsit	e?				
Were there any abnor	mal operational issues onsit	e?	TO A SUPPLEMENT OF THE PROPERTY OF THE PROPERT			
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Nere there any abnor No Are there any addition		ed? If so, what items and v	when?		enna kongsulasana Lagnos kongsulasana	
Nere there any abnor No Are there any addition	nal supplies/equipment need	ed? If so, what items and v	when?		enna kongsulasana Lagura kongsulasana	
Mere there any abnor No Are there any addition PVC SCH 80 Have there been any	nal supplies/equipment need	ed? If so, what items and v	when?		enna kongsulasana Lagura kongsulasana	
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Mere there any abnor No Are there any addition PVC SCH 80 Have there been any on No Has client provided a	nal supplies/equipment need	ed? If so, what items and value, including volumes ne	when?	?		
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Nere there any abnor No Are there any addition PVC SCH 80 Have there been any one of the second se	nal supplies/equipment need changes to the current sched ny operational feedback (pos	ed? If so, what items and value, including volumes ne	when?	?		

Date:						
Date.	9/29/2012		Report Number:		111	
			Unit N	lumber:		8
Client:	XTO		,	hift Onsite Time:	6:00:00AM	am/pm
Location:	Nash 49			nift Offsite Time:	12:00 PM	am/pm
Site Contact:	Bo Jackson				6 hrs	Total hrs.
Site Contact:	Sammy Dean		Present	Onsite Activities:		enance
Processing Hrs			ve Processing		451	hrs
BBLS Processed	Today: 0 bbls	information in A 1970 and in the contract of t		55 bbls		
BBLS/Hr Proces	ssed: 512.5	Cumulative	BBLS/Hr Proc	essed:	463.3	bbl/hr
Lead Supervisor:	Sammy Dean	Readings:	_flow back_	Volts/Amps⊕	pH	Turbidity
Lead Operator	Eddie McGruder	10:00		N/A	N/A	N/A
Crew	Ray Lee	12:00		N/A	N/A	N/A
	Christopher Perry	14:00		N/A	N/A	N/A
	Reginald White	16:00		N/A	N/A	N/A
<u> </u>		18:00		N/A	N/A	N/A
_		20:00		N/A	N/A	N/A
		#Chemical *****	Usage	Start Inv.	End Inv.	On Order
		HcL Acid	0	4,100	4,100	NO
		Sodium Hydroxide	0	3,700	3,700	No
Visitors:	Bo Jackson					
Visitors:	Select Services		,			
Visitors:	Bo Wells					L
		<u> </u>				
	mal operational issues or	site?				
No						
No Are there any addition	nal supplies/equipment ne	eded? If so, what items and	when?			
No Are there any addition	nal supplies/equipment ne	eded?.lf.so, what items and	when?			
No	nal supplies/equipment ne	eded?.lf.so, what items and	when?			
No Are there any addition PVC SCH 80	1	eded? If so, what items and				
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Are there any addition PVC SCH 80 Have there been any	1					
Are there any addition PVC SCH 80 Have there been any No	1	nedule, including volumes no	eded by client			Palantes Palantes Palas (July 17)
Are there any addition PVC SCH 80 Have there been any	changes to the current sc	nedule, including volumes no	eded by client			
Are there any addition PVC SCH 80 Have there been any No	changes to the current sc iny operational feedback (nedule, including volumes no	eded by client			Palantes Palantes Palas (July 17)

Date:						
Date:	9/30/2012	I	Report	Number:	1	12
				lumber:		8
Client:	XTO		S	hift Onsite Time:	6:00:00AM	am/pm
Location:	Nash 49		S S	hift Offsite Time:	12:00 PM	am/pm
Site Contact:	Bo Jackson				6 hrs	Total hrs.
Site Contact:	Sammy Dean		Present	Onsite Activities:	Maint	enance
		•				
Processing Hrs	Today: 0 hrs	Cumulativ	e Processing	Hrs:	451	hrs
BBLS Processed		Cumulative			208,99	55 bbls
BBLS/Hr Proce	essed: 512.5	Cumulative I	BBLS/Hr Proc	essed:	463.3	bbl/hr *
Marcolle 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		CONTRACTOR OF THE CONTRACTOR O	POSTPA ALGORISM	0050-1107/017770000s - 20cc)	Charles Carlot Charles	20079 - 177 (T. 500996
Lead Supervisor:	Sammy Dean Eddie McGruder	Readings:	flow back	Volts/Amps	pH N/A	Turbidity
Lead Operator Crew	Ray Lee	10:00 12:00		N/A N/A	N/A N/A	N/A N/A
Title: Crew- ::(entire)	Christopher Perry	12:00		N/A N/A	N/A N/A	N/A N/A
	Reginald White	16:00		N/A	N/A N/A	N/A N/A
<u> </u>	Reginald Write	18:00		N/A N/A	N/A	N/A
<u> </u>		20:00		N/A	N/A	N/A
<u> </u>		20.00		14/7		14/1
		Chemical	Usäge	Start Inv.	End Inv.	On Order
T		HcL Acid	0	4,100	4,100	NO
_		Sodium Hydroxide	0	3,700	3,700	No
Visitors:	Bo Jackson					
Visitors:	Select Services					
Visitors:	Bo Wells					
and the second s	er ver gravene a jamenta a general	102-11-01005546-1, 2-4-1001000888888994000	THE STREET SALE OF STREET	CHARGE THE A STATE OF THE STATE	5-50 cm 2005 to 5-00 metal-from 1000 515	SECRETARION SERVICES
	ormal operational issues onsite)? (See 1977)				
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	ormal operational issues onsite	?				
	ormal operational issues onsite	27				
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No	ormal operational issues onsite		, save			
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Are there any addition	onal supplies/equipment neede	ed? If so, what items and v	when?			
Are there any addition of the second of the	onal supplies/equipment neede	ed? If so, what items and v	when?			
Are there any addition of the second of the	onal supplies/equipment neede	ed? If so, what items and v	when?	?		
Are there any addition of the control of the contro	onal supplies/equipment neede	ed? If so, what items and vule, including volumes ne	when?			
Are there any addition of the second of the	onal supplies/equipment neede	ed? If so, what items and v	when?	?		
Are there any addition of the control of the contro	onal supplies/equipment neede	ed? If so, what items and vule, including volumes ne	when?	?		
Are there any addition of the control of the contro	onal supplies/equipment neede / changes to the current sched any operational feedback (posi	ed? If so, what items and vule, including volumes ne	when?	?		

Date:	10/1/2012		Report Number:		113		
Date.	10/1/2012			lumber:		8	
		•					
Client:	XTO	1	WWW. WES	hift Onsite Time:	6:00:00AM	am/pm	
Location:	Nash 49		SI	nift Offsite Time:	12:00 PM	am/pm	
Site Contact:	Bo Jackson		70. A.J.		6 hrs	Total hrs.	
Site Contact:	Sammy Dean		Present	Onsite Activities:	Maint	enance	
Dranco cina su 7	o bro	(2000)	e		I 451	h	
Processing Hrs 1 BBLS Processed			Cumulative Processing Hrs:			451 hrs 208,955 bbls	
BBLS/Hr Proces	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		. Att remain manufe and A c tent con-	essed:	—— <u> </u>	bbi/hr	
BBL3/Hi F10Ces	seu. 312.3	-> 19900 Cumulative	DDES/HIERIOG	esseu.	403.3	וווווממ	
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	pΗ	Turbidity	
Lead Operator	Christopher Perry	10:00		N/A	N/A	N/A	
Crew	Reginald White	12:00		N/A	N/A	N/A	
		14:00		N/A	N/A	N/A	
		16:00		N/A	N/A	N/A	
		18:00		N/A	N/A	N/A	
		20:00		N/A	N/A	N/A_	
		Chemical	Usage	Start Inv.	End Inv.	On Order	
		HcL Acid	0	4,100	4,100	NO	
		Sodium Hydroxide	0	3,700	3,700	No	
Visitors:	Bo Jackson						
Visitors:	Select Services						
Visitors:	Bo Wells						
Vere there any abnor	mal operational issues onsite						
lo	ma coperación de la companya de la c					P (
re there any addition	al supplies/equipment needs	od? If so what items and i	when?				
VC SCH 80	<u>Caecapp neoxequipment ancect</u>		· (1,1,0,1) · (1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,	9-698888.xxx		**********	
		ule, including volumes ne	eded by client	7			
	hanges to the current sched						
lave there been any o	changes to the current sched						
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lo	hanges to the current sched	itive or negative)?		The same and the s			
lo		itive or negative)?			XTO		
o las client provided a	ny operational feedback (pos						

Date:	10/5/2012		Report Number:			14	
	· · · · · · · · · · · · · · · · · · ·			lumber:	8		
							
Client:	XTO			hift Onsite Time:	6:00:00AM	am/pm	
Location:	Nash 49			nift Offsite Time:	12:00 PM	am/pm	
Site Contact:	Bo Jackson				6 hrs	Total hrs.	
Site Contact:	Sammy Dean		Present(Onsite Activities	Rig	Down	
lig down units	idan Wastibusiaaas		on all the second of the second	/ What			
Processing Hrs T			Cumulative Processing Hrs:			0 hrs	
BBLS Processed				955 bbls			
BBLS/Hr Proces	sed: 512.5	Cumulative	BBES/Hr Proce	essed:	#U	IV/0!	
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	pН	Turbidity	
Lead Operator	Christopher Perry	10:00		N/A	N/A	N/A	
Crew	Reginald White	12:00		N/A	N/A	N/A	
		14:00		N/A	N/A	N/A	
	-	16:00		N/A	N/A	N/A	
<u> </u>		18:00		N/A	N/A	N/A	
		20:00	L	N/A	N/A	N/A	
		Chemical	Usage	Start Inv.	End Inv.	On Order	
		HcL Acid	0	4,100	4,100	NO	
and the second s		Sodium Hydroxide	0	3,700	3,700	No	
Visitors:	Bo Jackson	-					
Visitors:	Robert Rink						
Visitors:			<u> </u>		L	l	
Vere there any abnor	mal operational issues onsité			<u>Ball</u>			
re there any addition	al supplies/equipment neede	ed? If so, what items and v	when?				
ave there been any o	al supplies/equipment needs hanges to the current sched ny operational feedback (pos	lule, including volumes ne	eded by client	?			
ave there been any operation completed as client provided as	hanges to the current sched by operational feedback (pos	lule, including volumes ne	eded by client	?			



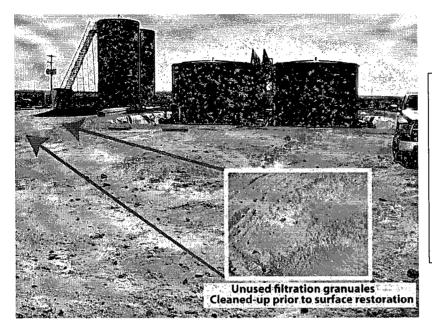


Figure 1:
Photograph of
filtration granules
used in the
CleanWave
system. The
granules were
cleaned-up prior
to surface
restoration.

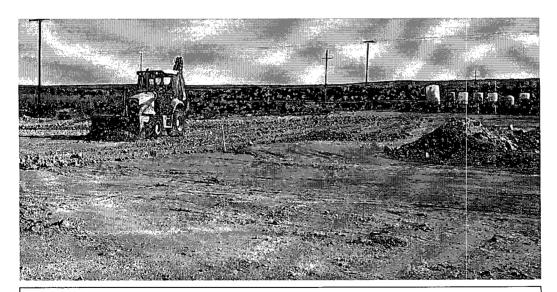


Figure 2: Grading of former containment berms. The former berms were either thin spread on location or placed around location to reinforce existing berms (Figure 3).



Figure 3: Re-using material from former containment berms from the CleanWave system to reinforce existing containment berms.

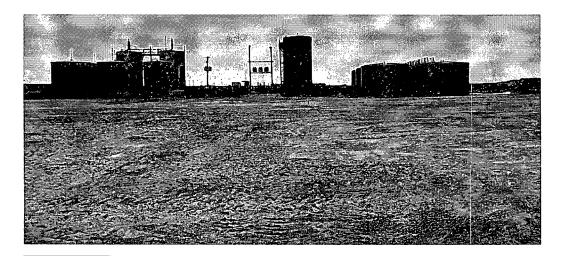


Figure 4: Location graded to pre-existing conditions. Nash Unit #4 is at left; Nash Unit #53SWD at right. Photograph is viewing south.