

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:

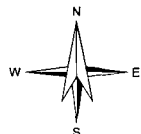
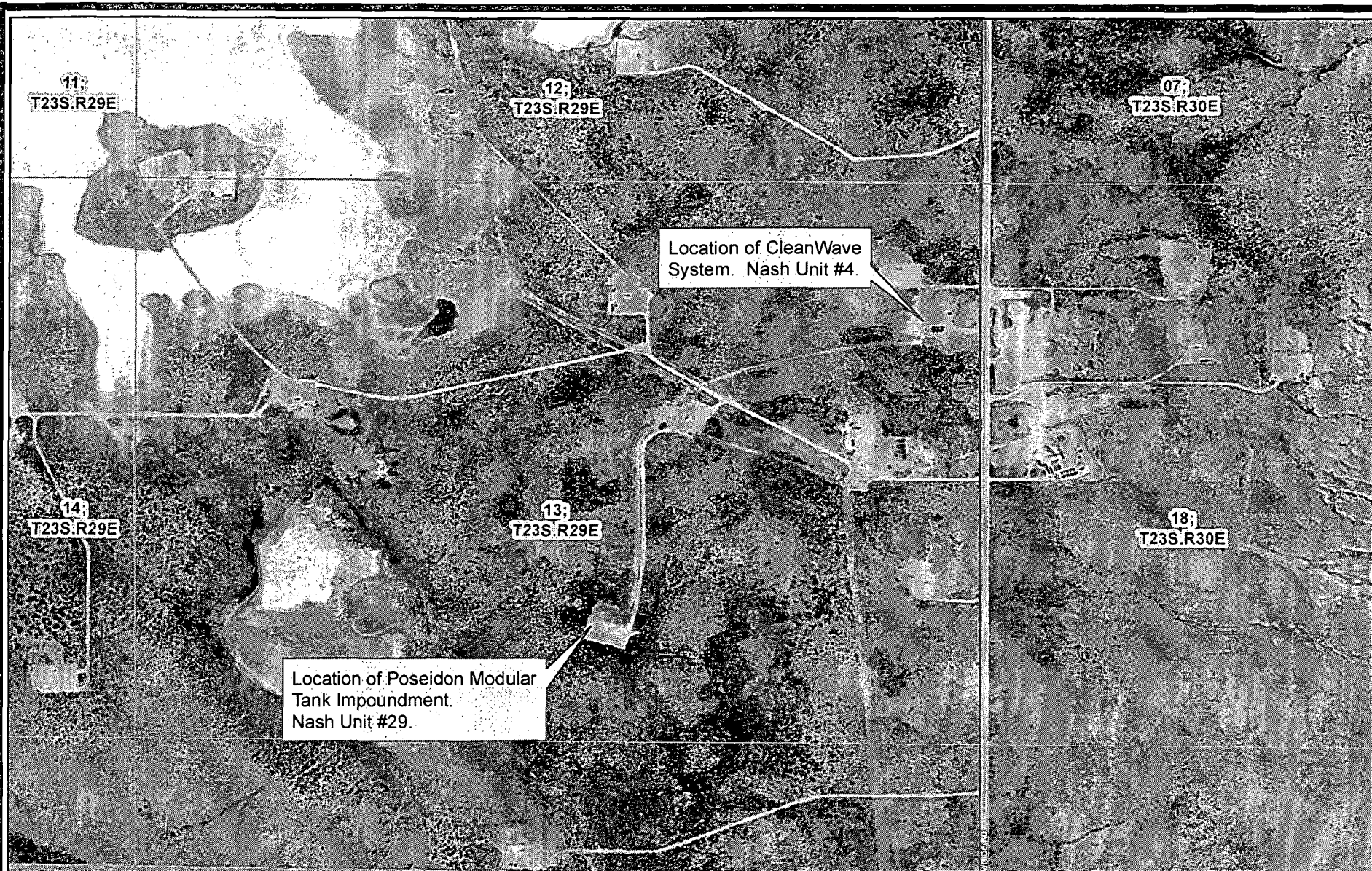
R.T. Hicks consultants is pleased to submit this Closure Report for the above referenced location on the behalf of XTO Energy. Closure activities were performed in accordance with the approved letter application dated May 22, 2012 (Appendix A). The location of the CleanWave system is shown on Plate 1.

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.



0 500 1,000
Feet

R.T. Hicks Consultants, Ltd
901 Rio Grande Blvd NW Suite F-142
Albuquerque, NM 87104
Ph: 505.266.5004

Location of CleanWave System

XTO Energy: Halliburton CleanWave Closure Report
Nash Unit #4

Plate 1

January 2013

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 Bailey
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) CleanWave™ 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:

1. 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;

3. XTO shall locate the mobile HESI CleanWave™ 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 CleanWave™ 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 not 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 (NMI-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

Appendix B
Table B-2

Date: 6/4/2012		Report Number: 1	
		Unit Number: 8	
Client: XTO	Shift Onsite Time: NA	am/pm	
Location: NASH	Shift Offsite Time: NA	am/pm	
Site Contact: BO JACKSON	System Run Time: 1	Total hrs.	
Site Contact:	Present Onsite/Activities: Treating Produced Water		

RIG UP

Processing Hrs Today:	1 hrs	Cumulative Processing Hrs:	1 hrs
BBLs Processed Today:	1 bbls	Cumulative BBLs Processed:	1 bbls
BBLs/Hr Processed:	1	Cumulative BBLs/Hr Processed:	1.0 bbl/hr

Lead Operator: Paul Worley	Readings:	flow back	Volts/Amps	pH	Turbidity
Crew:	NA		NA	NA	NA
	NA		NA	NA	NA
	NA		NA	NA	NA
	NA		NA	NA	NA
	NA		NA	NA	NA
	NA		NA	NA	NA

Chemical	Usage	Start Inv.	End Inv.	On Order
Hcl Acid	0	0	0	YES
Sodium Hydroxide	0	0	0	YES

Visitors:	
Visitors:	
Visitors:	

Were there any abnormal operational issues onsite?
NO

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:** OXY
 NO

Additional Comments
 MOVED EQUIPMENT TO LOCATION... CUSTOMER SAID IT WOULD TAKE 3 DAYS BEFORE HE COULD HAVE ANY WATER FOR US TO PROCESS.

Appendix B
Table B-2

Date: 6/5/2012		Report Number: 2	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 7:00 AM am/pm	
Location: Nash 29		Shift Offsite Time: 4:00 PM am/pm	
Site Contact: Bo Jackson		System Run Time: Total hrs.	
Site Contact:		Present Onsite Activities: Rig Up Equipment	
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 0 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 0 bbls	
BBLs/Hr Processed: #DIV/0!		Cumulative BBLs/Hr Processed: #DIV/0!	
Lead Supervisor: Paul Worley	Readings:	flow back	Volts/Amps
Lead Operator	06:00		pH
Crew	08:00		Turbidity
Kevin Wilson	10:00		
Special Service hands	12:00		
	14:00		
	16:00		
Visitors: Bo Wells	Chemical	Usage	Start Inv.
Visitors:	HCL Acid	0	4,000
Visitors:	Sodium Hydroxide	0	3,800
			End Inv.
			On Order
Were there any abnormal operational issues onsite?			
None			
Are there any additional supplies/equipment needed? If so, what items and when?			
2 frac tanks will be delivered to location tomorrow.			
Have there been any changes to the current schedule, including volumes needed by client?			
Poseidon tank will be delivered to location possible end of the week. Could be a days delay with rig up.			
Has client provided any operational feedback (positive or negative)?			
Person:		Company:	XTO
N/A			
Additional Comments			
Rigged up Halliburton equipment along with 2 ea. weir tanks. Will complete rig up when the 2 frac tanks arrives tomorrow. Need to contact the electricians to complete the wiring from transformers to units. Will return to location tomorrow AM to complete rigging up equipment.			

Appendix B
Table B-2

Date: 6/6/2012		Report Number: 3	
		Unit Number: 8	
Client: XTO			
Location: Nash 29			
Site Contact: Bo Jackson			
Site Contact:			
		Shift Onsite Time: 7:00 AM	am/pm
		Shift Offsite Time: 6:00 PM	am/pm
		System Run Time:	Total hrs.
		Present Onsite Activities:	Rig Up Equipment
Processing Hrs Today: 0 hrs			
BBLs Processed Today: 0 bbls			
BBLs/Hr Processed: #DIV/0!			
		Cumulative Processing Hrs: 0 hrs	
		Cumulative BBLs Processed: 0 bbls	
		Cumulative BBLs/Hr Processed: #DIV/0!	
Lead Supervisor: Paul Worley			
Lead Operator: Chad Edwards			
Crew: Kevin Wilson			
	Reginald White S.S.		
	Reginald Neal S.S.		
	Christopher Perry S.S.		
	John Larson S.S.		
Visitors: Bo Wells			
Visitors: Bo Jackson			
Visitors:			
		Readings:	flow back
			Volts/Amps
			pH
			Turbidity
		06:00	
		08:00	
		10:00	
		12:00	
		14:00	
		16:00	
		Chemical	Usage
			Start Inv.
			End Inv.
			On Order
		HCl Acid	0
			2,000
		Sodium Hydroxide	0
			3,800
Were there any abnormal operational issues onsite?			
None			
Are there any additional supplies/equipment needed? If so, what items and when?			
settling tanks arrived around 5:30 pm			
Have there been any changes to the current schedule, including volumes needed by client?			
Poseidon tank will be delivered to location possible end of the week. Could be a days delay with rig up.			
Has client provided any operational feedback (positive or negative)?			
Person:		Company:	XTO
N/A			
Additional Comments			
Arrived on location at 8:00 am, completed and reviewed JSA.....Continued rigging up Halliburton equipment along with weir tanks, called Basic energy asked about settling tanks they are still looking for some. Called electrician and told him what all to bring to location and he said he was on his way. Called to confirm Acid and Caustic delivery in the morning, they will be here around 6:00 am. Frac tanks for settling tanks			

Appendix B
Table B-2

Date: 6/7/2012		Report Number: 4	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00 AM am/pm	
Location: Nash 29		Shift Offsite Time: 6:00 PM am/pm	
Site Contact: Bo Jackson		System Run Time: Total hrs.	
Site Contact:		Present Onsite Activities: Rig Up Equipment	
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 0 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 0 bbls	
BBLs/Hr Processed: #DIV/0!		Cumulative BBLs/Hr Processed: #DIV/0!	
Lead Supervisor: Paul Worley	Readings:	flow back	Volts/Amps
Lead Operator: Chad Edwards	06:00		pH
Crew: Reginald White S.S.	08:00		Turbidity
Reginald Neal S.S.	10:00		
Christopher Perry S.S.	12:00		
	14:00		
	16:00		
Visitors: Bo Wells	Chemical	Usage	Start Inv.
Visitors: Bo Jackson	HCl Acid	0	2,000
Visitors:	Sodium Hydroxide	0	3,800
			End Inv.
			On Order
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 will be delivered to location possibly on Tuesday after the permits are approved.			
Has client provided any operational feedback (positive or negative)?			
Person:		Company:	XTO
N/A			
Additional Comments			
Arrived on location at 6:00 am, completed and reviewed JSA.... We recieved both settling tanks and rigged them up.... We also had electrician finish electrical and checked rotation on all equipment.. We recieved the acid from reagent around 2:00 PM. We are completely rigged up and waiting on caustic to arrive in the morning and start processing water... Took samples of the dirty water and am very confident			

Appendix B
Table B-2

Date: 6/7/2012		Report Number: 4	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 8:00 AM	am/pm
Location: Nash 29		Shift Offsite Time: 12:00 PM	am/pm
Site Contact: Bo Jackson		System Run Time:	Total hrs.
Site Contact:		Present Onsite Activities: Rig Up Equipment	
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 0 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 0 bbls	
BBLs/Hr Processed: #DIV/0!		Cumulative BBLs/Hr Processed: #DIV/0!	
Lead Supervisor: Paul Worley		Readings:	flow back Volts/Amps pH Turbidity
Lead Operator: Chad Edwards		06:00	
Crew: Reginald White S.S.		08:00	
Reginald Neal S.S.		10:00	
Christopher Perry S.S.		12:00	
		14:00	
		16:00	
Visitors:		Chemical:	Usage Start Inv. End Inv. On Order
Visitors:		HCl Acid	0 2,000 2,000 NO
Visitors:		Sodium Hydroxide	0 3,800 3,800 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 will be delivered to location possibly on Saturday after the permits are approved.			
Has client provided any operational feedback (positive or negative)?			
Person:		Company:	XTO
N/A			
Additional Comments			
Arrived on location at 700 am, completed and reviewed JSA..... We finished cleaning up and getting ready to process water. We also waited for caustic and got a call from caustic driver, he said he had some trouble and would not arrive until late Friday evening, I told him to call me when he got his 10 hour break and I would meet him at store on the way to location..Went ahead and released everyone until Monday morning.			

Appendix B
Table B-2

Date: 6/9/2012		Report Number: 5	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 4:00 AM	am/pm
Location: Nash 29		Shift Offsite Time: 2:00 PM	am/pm
Site Contact: Bo Jackson		System Run Time: 7	Total hrs.
Site Contact:		Present Onsite Activities:	PROCESS WATER
Processing Hrs Today: 7 hrs		Cumulative Processing Hrs: 7 hrs	
BBLs Processed Today: 2,908 bbls		Cumulative BBLs Processed: 2,908 bbls	
BBLs/Hr Processed: 415.4285714		Cumulative BBLs/Hr Processed: 415.4 bbl/hr	
Lead Supervisor: Paul Worley		Readings:	flow back
Lead Operator:			Volts/Amps
Crew:			pH
			Turbidity
		06:00	110
		08:00	110
		10:00	110
		12:00	110
		14:00	110
		16:00	
Visitors: BO JACKSON		Chemical:	Usage
Visitors:		HCl Acid	140
Visitors:		Sodium Hydroxide	190
			Start Inv.
			End Inv.
			On Order
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 did not show up today but want to get a head start on the frac.... Water was looking very clean.			
Has client provided any operational feedback (positive or negative)?			
Person:		Company:	XTO
N/A			
Additional Comments:			
Arrived on location at 3:00 am, completed and reviewed JSA..... Driver with Brentag called me at 1:30 am said he had his 10 hour break. Driver arrived on location at 4:45.... Caustic was unloaded and I started filling settling and weir tanks around 7:00 am, made a couple of adjustments to the Caustic and water was looking great So I kept running the water and made a couple of adjustments to the acid and			

Table B-2

Date: 6/10/2012		Report Number: 6	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 4:00 AM am/pm	
Location: Nash 29		Shift Offsite Time: 1:00 PM am/pm	
Site Contact: Bo Jackson		System Run Time: 6 Total hrs.	
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 6 hrs		Cumulative Processing Hrs: 13 hrs	
BBL'S Processed Today: 2,544 bbls		Cumulative BBL'S Processed: 5,452 bbls	
BBL'S/Hr. Processed: 424		Cumulative BBL'S/Hr. Processed: 419.4 bbl/hr	
Lead Supervisor: Paul Worley		Readings: flow back Volts/Amps pH Turbidity	
Lead Operator:		06:00 120 7.24 1.3	
Crew:		08:00 120 6.68 0.876	
		10:00 120 6.93 0.557	
		12:00 120 6.88 0.942	
		14:00	
		16:00	
		Chemical Usage Start Inv. End Inv. On Order	
		Hcl Acid 175 1,900 1,725 NO	
		Sodium Hydroxide 220 2,500 2,280 NO	
Visitors: BO JACKSON			
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 Wednesday or Thursday of next week.			
Has client provided any operational feedback (positive or negative)? Person: N/A Company: XTO			
Additional Comments: Arrived on location at 3:40 am, Completed and reviewed JSA..... Started processing water at around 4:30 am made several adjustments to caustic, acid and EC Cells.. The water looked good and clear when sample was taken and after it sat for a few minutes had a slight yellow tint to it.... Tried adjusting chemicals and polarity on cells but yellow tint still came back.. There is a lot of salt in the water and the PH was around			

Appendix B
Table B-2

Date: 6/11/2012		Report Number: 7	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: N/A am/pm	
Location: Nash 29		Shift Offsite Time: N/A am/pm	
Site Contact: Bo Jackson		System Run Time: 0 Total hrs.	
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 13 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 5,452 bbls	
BBLs/Hr Processed: #DIV/0!		Cumulative BBLs/Hr Processed: 419.4 bbl/hr	
Lead Supervisor: Paul Worley	Readings:	flow back	Volts/Amps
Lead Operator:	06:00		pH
Crew:	08:00		Turbidity
	10:00		
	12:00		
	14:00		
	16:00		
	Chemical	Usage	Start Inv.
	HCl Acid	0	1,725
	Sodium Hydroxide	0	2,280
			End Inv.
			1,725
			On Order
			NO
Visitors: BO JACKSON			
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 Wednesday or Thursday of next week.			
Has client provided any operational feedback (positive or negative)?			
Person:		Company:	XTO
N/A			
Additional Comments			
All tanks are full ,waiting on poseidon tanks.			

Appendix B
Table B-2

Date: 6/12/2012		Report Number: 7	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: N/A	am/pm
Location: Nash 29		Shift Offsite Time: N/A	am/pm
Site Contact: Bo Jackson		System Run Time: 0	Total hrs.
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 13 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 5,452 bbls	
BBLs/Hr Processed: #DIV/0!		Cumulative BBLs/Hr Processed: 419.4 bbl/hr	
Lead Supervisor: Paul Worley		Readings:	flow back Volts/Amps pH Turbidity
Lead Operator:		06:00	
Crew:		08:00	
		10:00	
		12:00	
		14:00	
		16:00	
		Chemical	Usage
		HCl Acid	0
		Sodium Hydroxide	0
		Start Inv.	End Inv.
		1,725	1,725
		2,280	2,280
		On Order	
		NO	NO
Visitors: BO JACKSON			
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 Wednesday or Thursday of next week.			
Has client provided any operational feedback (positive or negative)?			
Person:		Company:	XTO
N/A			
Additional Comments			
All tanks are full ,waiting on Poseidon tanks.. Filled all dirty tanks Bo Jackson showed me where to get more water to fill dirty tanks and I filled them using pumps on different locations.			

Appendix B
Table B-2

Date: 6/13/2012		Report Number: 8	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: N/A am/pm	
Location: Nash 29		Shift Offsite Time: N/A am/pm	
Site Contact: Bo Jackson		System Run Time: 0 Total hrs.	
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 13 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 5,452 bbls	
BBLs/Hr Processed: #DIV/0!		Cumulative BBLs/Hr Processed: 419.4 bbl/hr	
Lead Supervisor: Paul Worley	Readings:	flow back	Volts/Amps
Lead Operator:	06:00		pH
Crew:	08:00		Turbidity
	10:00		
	12:00		
	14:00		
	16:00		
Visitors: BO JACKSON	Chemical	Usage	Start Inv.
Visitors:	Hcl Acid	0	1,725
Visitors:	Sodium Hydroxide	0	2,280
			End Inv.
			1,725
			2,280
			On Order
			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 anytime now.			
Has client provided any operational feedback (positive or negative)?			
Person:		Company:	XTO
N/A			
Additional Comments:			
All tanks are full ,waiting on Poseidon tankCalled customer and let him know I was on location this morning everything wass good and offered my services while I was on location... Bo Jackson said that all is good,			

Appendix B
Table B-2

Date: 6/14/2012		Report Number: 9	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: N/A	am/pm
Location: Nash 29		Shift Offsite Time: N/A	am/pm
Site Contact: Bo Jackson		System Run Time: 0	Total hrs.
Site Contact: Paul Worley		Present Onsite Activities:	PROCESS WATER
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 13 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 5,452 bbls	
BBLs/Hr Processed: #DIV/0!		Cumulative BBLs/Hr Processed: 419.4 bbl/hr	
Lead Supervisor: Paul Worley		Readings:	flow back Volts/Amps pH Turbidity
Lead Operator		06:00	
Crew		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
		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)?			
Person:		Company:	XTO
N/A			
Additional Comments			
All tanks are full ,waiting on Poseidon tank..			

Appendix B
Table B-2

Date:	6/15/2012
STAND BY WAITING ON TANK	
Client:	XTO
Location:	Nash 29
Site Contact:	Bo Jackson
Site Contact:	Paul Worley
Processing Hrs Today:	0 hrs
BBLs Processed Today:	0 bbls
BBLs/Hr Processed:	#DIV/0!
Lead Supervisor:	Paul Worley
Lead Operator:	
Crew:	
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)?	
Person:	Company:
N/A	
Additional Comments:	
All tanks are full ,waiting on Poseidon tank..	

Appendix B
Table B-2

Date: 6/16/2012		Report Number: 11	
		Unit Number: 8	
STAND BY WAITING ON TANK			
Client: XTO		Shift Onsite Time: N/A am/pm	
Location: Nash 29		Shift Offsite Time: N/A am/pm	
Site Contact: Bo Jackson		0 Total hrs.	
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 13 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 5,452 bbls	
BBLs/Hr Processed: #DIV/0!		Cumulative BBLs/Hr Processed: 419.4 bbl/hr	
Lead Supervisor: Paul Worley		Readings:	
Lead Operator:		flow back Volts/Amps pH Turbidity	
Crew:		06:00	
		08:00	
		10:00	
		12:00	
		14:00	
		16:00	
Visitors:		Chemical	
Visitors:		Usage	
Visitors:		Start Inv.	
		End Inv.	
		On Order	
		HCl Acid 0 1,725 1,725 NO	
		Sodium Hydroxide 0 2,280 2,280 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 on Monday and we are suppose to start filling it on Monday afternoon.			
Has client provided any operational feedback (positive or negative)?			
Person:		Company:	
N/A		XTO	
Additional Comments			
All tanks are full ,waiting on Poseidon tank..			

Appendix B
Table B-2

Date:	6/17/2012	Report Number:	12			
		Unit Number:	8			
STAND BY WAITING ON TANK						
Client:	XTO	Shift Onsite Time:	N/A am/pm			
Location:	Nash 29	Shift Offsite Time:	N/A am/pm			
Site Contact:	Bo Jackson		0 Total hrs.			
Site Contact:	Paul Worley	Present Onsite Activities:	PROCESS WATER			
Processing Hrs Today:	0 hrs	Cumulative Processing Hrs:	13 hrs			
BBLS Processed Today:	0 bbls	Cumulative BBLS Processed:	5,452 bbls			
BBLS/Hr Processed:	#DIV/0!	Cumulative BBLS/Hr Processed:	419.4 bbl/hr			
Lead Supervisor:	Paul Worley	Readings:	flow back	Volts/Amps	pH	Turbidity
Lead Operator:		06:00				
Crew:		08:00				
		10:00				
		12:00				
		14:00				
		16:00				
Visitors:		Chemical	Usage	Start Inv.	End Inv.	On Order
Visitors:		HCL Acid	0	1,725	1,725	NO
Visitors:		Sodium Hydroxide	0	2,280	2,280	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 should arrive on Monday.						
Has client provided any operational feedback (positive or negative)?						
Person:		Company:				XTO
N/A						
Additional Comments						
All tanks are full, waiting on Poseidon tank..						

Table B-2

Date:	6/18/2012
STAND BY WAITING ON TANK	
Client:	XTO
Location:	Nash 29
Site Contact:	Bo Jackson
Site Contact:	Paul Worley
Processing Hrs Today:	0 hrs
BBLs Processed Today:	0 bbls
BBLs/Hr Processed:	#DIV/0!
Lead Supervisor:	Paul Worley
Lead Operator:	Ken Erler
Crew:	Adam Pollard
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 arrived around 3:00 PM and we waited until 8:00, walls were not up yet.	
Has client provided any operational feedback (positive or negative)?	
Person:	Company:
N/A	XTO
Additional Comments:	
All tanks are full, waiting on Poseidon tank to be installed.	

Appendix B
Table B-2

Date: 6/19/2012		Report Number: 14	
		Unit Number: 8	
STAND BY WAITING ON TANK			
Client:	XTO	Shift Onsite Time:	6:00 am/pm
Location:	Nash 29	Shift Offsite Time:	N/A am/pm
Primary Contact:	Bo Jackson		0 Total hrs.
Secondary Contact:	Paul Worley	Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 13 hrs	
BLS Processed Today: 0 bbls		Cumulative BLS Processed: 5,452 bbls	
BBLs/Hr Processed: #DIV/0!		Cumulative BBLs/Hr Processed: 419.4 bbl/hr	
Supervisor:	Paul Worley	Readings:	flow back Volts/Amps pH Turbidity
Lead Operator:	Adam Pollard	06:00	
Crew:		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
		Sodium Hydrox	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?			
Waiting on Poseidon tank to be completely			
Has client provided any operational feedback (positive or negative)?			
Person:		Company:	XTO
N/A			
Additional Comments:			
All tanks are full ,waiting on Poseidon tank to be complete			

Appendix B
Table B-2

Date: 6/20/2012		Report Number: 15	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 5:00 am/pm	
Location: Nash 29		Shift Offsite Time: 9:00 PM am/pm	
Site Contact: Bo Jackson		0 Total hrs.	
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 13 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 5,452 bbls	
BBLs/Hr Processed: #DIV/0!		Cumulative BBLs/Hr Processed: 419.4 bbl/hr	
Lead Supervisor: Paul Worley		Readings: flow back Volts/Amps pH Turbidity	
Lead Operator: Adam Pollard		06:00	
Crew:		08:00	
		10:00	
		12:00	
		14:00	
		16:00	
Visitors: BO JACKSON		Chemical Usage Start Inv. End Inv. On Order	
Visitors:		HCl Acid 0 1,725 1,725 YES	
Visitors:		Sodium Hydroxide 0 2,280 2,280 YES	
Were there any abnormal operational issues onsite?			
YES.... TRIED PUMPING TO MAIN CLEAN TANK AND PRESSURED UP ON LINES TOO FAR TO PUMP WITH OUR PUMP... CALLED BO JACKSON AND HE HOOKED UP ANOTHER PUMP.			
Are there any additional supplies/equipment needed? If so, what items and when?			
YES FITTINGS FOR 6500 GAL ACID AND CAUSTIC TANKS.			
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	
N/A			
Additional Comments:			
ARRIVED ON LOCATION AT 5:00 AM REVIEWED JSA WAITED ON POSEIDON TANK.. FINALLY READY FOR WATER BUT OUR PUMP WOULD NOT PUSH WATER THAT FAR... WAITED TO HOOK UP OTHER PUMP.. XTO CALLED OUT ELECTRICIAN AND HOOKED UP BIG PUMP COMING OFF OF CLEAN TANKS.			

Appendix B
Table B-2

Date: 6/21/2012		Report Number: 16	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 5:30 am/pm	
Location: Nash 29		Shift Offsite Time: 5:00 PM am/pm	
Site Contact: Bo Jackson		9 Total hrs.	
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 9 hrs		Cumulative Processing Hrs: 13 hrs	
BBLs Processed Today: 3,828 bbls		Cumulative BBLs Processed: 5,452 bbls	
BBLs/Hr Processed: 425.333333		Cumulative BBLs/Hr Processed: 419.4 bbl/hr	
Lead Supervisor: Paul Worley	Readings:	flow back	Volts/Amps
Lead Operator: Adam Pollard	07:30		100
Crew: Ken Erler	09:30		100
	11:30		100
	13:30		100
	15:30		100
	16:30		100
Visitors: BO JACKSON	Chemical	Usage	Start Inv.
Visitors:	HCL Acid	213	1,725
Visitors:	Sodium Hydroxide	295	2,280
Were there any abnormal operational issues onsite?			
NO			
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
N/A			
Additional Comments			
ARRIVED AT LOCATION AT 5:30 AM. COMPLETED AND REVIEWED JSA. STARTED PROCESSING WATER TO FILL THE CLEAN TANKS. EVERYTHING WENT VERY WELL WITH US ONLY HAVING TO MAKE MINOR ADJUSTMENTS TO THE CAUSTIC AND ACID. ALL THE CLEAN TANKS ARE FULL.			

Appendix B
Table B-2

Date: 6/22/2012		Report Number: 17	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 5:30 am/pm	
Location: Nash 29		Shift Offsite Time: 12:00 AM am/pm	
Site Contact: Bo Jackson		11 Total hrs.	
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 11 hrs		Cumulative Processing Hrs: 33 hrs	
BBLs Processed Today: 3,555 bbls		Cumulative BBLs Processed: 12,835 bbls	
BBLs/Hr Processed: 323.1818182		Cumulative BBLs/Hr Processed: 388.9 bbl/hr	
Lead Supervisor: Paul Worley		Readings:	
Lead Operator: Adam Pollard		flow back	
Crew: Ken Erler		Volts/Amps	
Ray Lee		pH	
Eddy McGruder		Turbidity	
		07:30 100 6.57 1.63	
		09:30 100 6.87 1.87	
		11:30 100 6.43 1.19	
		13:30 100 7.02 1.98	
		15:30 100 7.1 1.32	
		16:30 100 6.79 1.27	
Visitors: BO JACKSON		Chemical	
Visitors:		Usage	
Visitors:		Start Inv.	
		End Inv.	
		On Order	
		Hcl Acid 197 1,512 1,315 YES	
		Sodium Hydroxide 262 1,985 1,723 YES	
Were there any abnormal operational issues onsite?			
HAD TO REPLACE ACID PUMP			
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:	
N/A		XTO	
Additional Comments			
ARRIVED ON LOCATION AT 5:30 AM. COMPLETED AND REVIEWED JSA. STARTED PROCESSING WATER. HAD SMALL PROBLEM WITH ACID PUMP SHUTTING DOWN THROUGH OUT THE DAY, SO WE HAD TO CHANGE IT OUT. OTHER THEN THAT EVERYTHING WENT GOOD. WE HAD TO MAKE SMALL ADJUSTMENTS TO THE CAUSTIC AND ACID THROUGH OUT THE DAY.			

Appendix B
Table B-2

Date: 6/23/2012		Report Number: 18	
		Unit Number: 8	
Client: XTO	Shift Onsite Time: 5:00 am/pm		
Location: Nash 29	Shift Offsite Time: 5:00 AM am/pm		
Site Contact: Bo Jackson	23 Total hrs.		
Site Contact: Paul Worley	Present Onsite Activities: PROCESS WATER		
Processing Hrs Today: 23 hrs		Cumulative Processing Hrs: 56 hrs	
BBLs Processed Today: 7,541 bbls		Cumulative BBLs Processed: 20,376 bbls	
BBLs/Hr Processed: 327.8695652		Cumulative BBLs/Hr Processed: 363.9 bbl/hr	
Lead Supervisor: Paul Worley	Readings:	flow back	Volts/Amps
Lead Operator: Adam Pollard	07:00		100
Crew: Ken Erler	13:00		100
	19:00		100
	23:00		100
	2:00		100
	4:00		100
Visitors: BO JACKSON	Chemical	Usage	Start Inv.
Visitors:	HCl Acid	416	1,315
Visitors:	Sodium Hydroxide	590	1,723
Were there any abnormal operational issues onsite?			
NO			
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
N/A			
Additional Comments			
ARRIVED AT LOCATION AT 5:00 AM. COMPLETED AND REVIEWED JSA. STARTED PROCESSING WATER TO FILL THE CLEAN TANKS. EVERYTHING WENT VERY WELL WITH US ONLY HAVING TO MAKE MINOR ADJUSTMENTS TO THE CAUSTIC AND ACID. WE RAN ALL NIGHT TO MAKE SURE WE HAD ENOUGH WATER.			

Appendix B
Table B-2

Date:	6/24/2012	Report Number:	19			
		Unit Number:	8			
Client:	XTO	Shift Onsite Time:	5:00 am/pm			
Location:	Nash 29	Shift Offsite Time:	1:30 PM am/pm			
Site Contact:	Bo Jackson		8 Total hrs.			
Site Contact:	Paul Worley	Present Onsite Activities:	PROCESS WATER			
Processing Hrs Today:	8 hrs	Cumulative Processing Hrs:	64 hrs			
BBLs Processed Today:	3,806 bbls	Cumulative BBLs Processed:	24,182 bbls			
BBLs/Hr Processed:	475.75	Cumulative BBLs/Hr Processed:	377.8 bbl/hr			
Lead Supervisor:	Paul Worley	Readings:	flow back	Volts/Amps	pH	Turbidity
Lead Operator:	Adam Pollard	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 McGruder	13:00		100	6.97	1.94
		N/A		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
Visitors:	BO JACKSON	Chemical	Usage	Start Inv.	End Inv.	On Order
Visitors:		HCL Acid	213	899	686	YES
Visitors:		Sodium Hydroxide	295	1,133	838	YES
Were there any abnormal operational issues onsite?						
NO						
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
N/A						
Additional Comments						
ARRIVED AT LOCATION AT 5:00 AM. COMPLETED AND REVIEWED JSA. STARTED PROCESSING WATER TO FILL THE CLEAN TANKS. EVERYTHING WENT VERY WELL. WE ONLY MADE MINOR ADJUSTMENTS TO THE CAUSTIC AND ACID.						

Table B-2

Date: 6/25/2012		Report Number: 20			
		Unit Number: 8			
Client: XTO		Shift Onsite Time: 6:00 am/pm			
Location: Nash 29		Shift Offsite Time: 5:00 PM am/pm			
Site Contact: Bo Jackson		11 Total hrs.			
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER			
Processing Hrs Today: 4 hrs		Cumulative Processing Hrs: 75 hrs			
BBLS Processed Today: 1,450 bbls		Cumulative BBLS Processed: 25,632 bbls			
BBLS/Hr Processed: 362.5		Cumulative BBLS/Hr Processed: 341.8 bbl/hr			
Lead Supervisor: Paul Worley	Readings:	flow back	Volts/Amps	pH	Turbidity
Lead Operator: Adam Pollard	07:00		100	6.97	1.67
Crew: Ken Erler	09:00		100	7.13	1.89
	11:00		100	6.89	1.45
	12:30		100	6.57	1.72
	N/A		N/A	N/A	N/A
	N/A		N/A	N/A	N/A
Visitors: BO JACKSON	Chemical	Usage	Start Inv.	End Inv.	On Order
Visitors:	Hcl Acid	115	5,686	5,571	RECEIVED 5000 GALS
Visitors:	Sodium Hydroxide	150	220	70	YES
Were there any abnormal operational issues onsite?					
NO					
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	
N/A					
Additional Comments					
WE ARRIVED AT LOCATION AT 6:00 AM. COMPLETED AND REVIEWED JSA. INSTALLED CLEANED CELLS AND STARTED PROCESSING WATER. MADE SMALL ADJUSTMENTS TO THE CAUSTIC AND ACID. TOMORROW WE HAVE SCHEDULED A SLUDGE PULL. WE ALSO RECEIVED 5,000 GALLONS OF ACID AND ARE EXPECTING A LOAD OF CAUSTIC TOMORROW. EVERYTHING WENT VERY WELL TODAY.					

Table B-2

Date:	6/26/2012
Client:	XTO
Location:	Nash 29
Site Contact:	Bo Jackson
Site Contact:	Paul Worley

Report Number:	21	
Unit Number:	8	
Shift Onsite Time:	6:00	am/pm
Shift Offsite Time:	5:00 PM	am/pm
	0	Total hrs.
Present Onsite Activities:	PROCESS WATER	

MAINTENANCE

Processing Hrs Today:	0 hrs
BBL'S Processed Today:	1,450 bbls
BBL'S/Hr Processed:	#DIV/0!

Cumulative Processing Hrs:	75 hrs
Cumulative BBL'S Processed:	25,632 bbls
Cumulative BBL'S/Hr Processed:	341.8 bbl/hr

Lead Supervisor:	Paul Worley
Lead Operator:	
Crew:	

Readings:	flow back	Volts/Amps	pH	Turbidity
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 Order
HcL Acid	0	5,686	5,686	CEIVED 5000 GALS
Sodium Hydroxide	0	1,000	1,000	YES

Visitors:	BO JACKSON
Visitors:	
Visitors:	

Were there any abnormal operational issues onsite?
NO

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
N/A				

Additional Comments
WE ARRIVED AT LOCATION AT 6:00 AM. COMPLETED AND REVIEWED ,PULLED SLUDGE RECEIVED CAUSTIC AND DRAINED ALL LINES.... THERE WAS ALMOST 12,000 BBL'S LEFT IN STORAGE TANK...EVERYTHING WENT VERY WELL TODAY.

Appendix B
Table B-2

Date: 6/27/2012		Report Number: 22	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00 am/pm	
Location: Nash 29		Shift Offsite Time: 5:00 PM am/pm	
Site Contact: Bo Jackson		0 Total hrs.	
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 75 hrs	
BBL'S Processed Today: 1,450 bbls		Cumulative BBL'S Processed: 25,632 bbls	
BBL'S/Hr Processed: #DIV/0!		Cumulative BBL'S/Hr Processed: 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 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 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	
Visitors: BO JACKSON		Chemical Usage Start Inv. End Inv. On Order	
Visitors:		Hcl Acid 0 5,686 5,686 CEIVED 5000 GA	
Visitors:		Sodium Hydroxide 0 1,000 1,000 YES	
Were there any abnormal operational issues onsite? NO			
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	
N/A			
Additional Comments ARRIVED ON LOCATION AT 7:00 AM CHECKED ALL VALVES AND TANKS INCLUDING POSIEDON TANK ..EVERYTHING LOOKED GOOD.....BASIC WAS HAULING CLEANED WATER TO FRAC JOB.			

Appendix B
Table B-2

Date: 6/28/2012		Report Number: 23	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: N/A am/pm	
Location: Nash 29		Shift Offsite Time: N/A am/pm	
Site Contact: Bo Jackson		0 Total hrs.	
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER	
STAND BY			
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 75 hrs	
BBLs Processed Today: 1,450 bbls		Cumulative BBLs Processed: 25,632 bbls	
BBLs/Hr Processed: #DIV/0!		Cumulative BBLs/Hr Processed: 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 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	
Visitors: BO JACKSON		Chemical Usage Start Inv. End Inv. On Order	
Visitors:		HCl Acid 0 5,686 5,686 CEIVED 5000 GA	
Visitors:		Sodium Hydroxide 0 1,000 1,000 YES	
Were there any abnormal operational issues onsite?			
NO			
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	
N/A			
Additional Comments			
SPOKE WITH BO JACKSON AND WE AGREED ON STARTING BACK UP ON THE 9TH OF JULY FOR THE FRAC ON THE 20TH... DUE TO POSSIBLE BACTERIA GROWTH WE WILL WAIT UNTIL CLOSER TO THE FRAC DATE...			

Table B-2

Date: 6/29/2012		Report Number: 24	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: N/A am/pm	
Location: Nash 29		Shift Offsite Time: N/A am/pm	
Site Contact: Bo Jackson		0 Total hrs.	
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER	
STAND BY			
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 75 hrs	
BBLs Processed Today: 1,450 bbls		Cumulative BBLs Processed: 25,632 bbls	
BBLs/Hr Processed: #DIV/0!		Cumulative BBLs/Hr Processed: 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 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 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	
Visitors: BO JACKSON		Chemical Usage Start Inv. End Inv. On Order	
Visitors:		HcL Acid 0 5,686 5,686 CEIVED 5000 GA	
Visitors:		Sodium Hydroxide 0 1,000 1,000 YES	
Were there any abnormal operational issues onsite?			
NO			
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	
N/A			
Additional Comments			
SPOKE WITH BO JACKSON AND WE AGREED ON STARTING BACK UP ON THE 9TH OF JULY FOR THE FRAC ON THE 20TH... DUE TO POSSIBLE BACTERIA GROWTH WE WILL WAIT UNTIL CLOSER TO THE FRAC DATE...			

Date:	6/30/2012	Report Number:	25			
		Unit Number:	8			
Client:	XTO	Shift Onsite/Time:	N/A	am/pm		
Location:	Nash 29	Shift Offsite/Time:	N/A	am/pm		
Site Contact:	Bo Jackson		0	Total hrs.		
Site Contact:	Paul Worley	Present Onsite/Activities:	PROCESS WATER			
STAND BY						
Processing Hrs Today:	0 hrs	Cumulative Processing Hrs:	75 hrs			
BBLs Processed Today:	0 bbls	Cumulative BBLs Processed:	25,632 bbls			
BBLs/Hr Processed:	#DIV/0!	Cumulative BBLs/Hr Processed:	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
Visitors:	BO JACKSON	Chemical	Usage	Start Inv.	End Inv.	On Order
Visitors:		HCl Acid	120	5,686	5,566	CEIVED 5000 GALS
Visitors:		Sodium Hydroxide	100	1,000	900	YES
Were there any abnormal operational issues onsite?						
NO						
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
N/A						
Additional Comments						
SPOKE WITH BO JACKSON AND WE AGREED ON STARTING BACK UP ON THE 9TH OF JULY FOR THE FRAC ON THE 20TH... DUE TO POSSIBLE BACTERIA GROWTH WE WILL WAIT UNTIL CLOSER TO THE FRAC DATE...						

Appendix B
Table B-2

Date: 7/1/2012		Report Number: 26	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 3:00 am/pm	
Location: Nash 29		Shift Offsite Time: 9:30 PM am/pm	
Site Contact: Bo Jackson		6 Total hrs.	
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 6 hrs		Cumulative Processing Hrs: 81 hrs	
BBLS Processed Today: 1,650 bbls		Cumulative BBLS Processed: 28,932 bbls	
BBLS/Hr Processed: 275		Cumulative BBLS/Hr Processed: 357.2 bbl/hr	
Lead Supervisor: Paul Worley		Readings: flow back Volts/Amps pH Turbidity	
Lead Operator: RAY LEE		0500 100 6.67 0.87	
Crew: EDDIE MCGRUBER		0700 100 6.73 0.98	
		0900 100 6.91 1.03	
		N/A N/A N/A N/A	
		N/A N/A N/A N/A	
		N/A N/A N/A N/A	
Visitors:		Chemical Usage Start Inv. End Inv. On Order	
Visitors:		HCL Acid 120 5,686 5,566 CEIVED 5000 GA	
Visitors:		Sodium Hydroxide 100 1,000 900 YES	
Were there any abnormal operational issues onsite?			
NO			
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	
N/A			
Additional Comments			
ARRIVED ON LOCATION AT 3:00 PM REVEIUED JSA.. DAVID LUNA CALLED ME AROUND 12:00 AM SAID THAT DIRTY TANKS WERE FULL AND WE NEEDED TO RUN WATER TO GET TANKS DOWN. AFTER INVESTIGATING , FOUND OUT THAT A VALVE WAS LEAKING AND WAS GOING INTO THE DIRTY TANKS... WE GOT THE DIRTY TANKS DOWN TO 9" AND LARRY ONEAL SAID THAT WOULD HOLD THEM OVER UNTIL BO JACKSON GETS BACK TO FIX VALVE. EVERYTHING WENT WELL WITH MINOR ADJUSTMENTS TO CHEMICAL.			

Appendix B
Table B-2

Date:	7/2/2012	
Report Number:	27	
Unit Number:	8	
Client:	XTO	
Location:	Nash 29	
Site Contact:	Bo Jackson	
Site Contact:	Paul Worley	
Shift Onsite Time:	N/A	am/pm
Shift Offsite Time:	N/A	am/pm
	0	Total hrs.
Present Onsite Activities:	PROCESS WATER	

STAND BY

Processing Hrs Today:	0 hrs
BBLs Processed Today:	0 bbls
BBLs/Hr Processed:	#DIV/0!

Cumulative Processing Hrs:	75 hrs
Cumulative BBLs Processed:	25,632 bbls
Cumulative BBLs/Hr Processed:	341.8 bbl/hr

Lead Supervisor:	Paul Worley
Lead Operator:	
Crew:	

Readings:	flow back	Volts/Amps	pH	Turbidity
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 Order
HCL Acid	0	5,556	5,556	
Sodium Hydroxide	0	900	900	

Visitors:	BO JACKSON
Visitors:	
Visitors:	

Were there any abnormal operational issues onsite?				
NO				
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
N/A				
Additional Comments:	SPOKE WITH BO JACKSON AND WE AGREED ON STARTING BACK UP ON THE 9TH OF JULY FOR THE FRAC ON THE 20TH... DUE TO POSSIBLE BACTERIA GROWTH WE WILL WAIT UNTIL CLOSER TO THE FRAC DATE...			

Table B-2

Date:	7/3/2012
Client:	XTO
Location:	Nash 29
Site Contact:	Bo Jackson
Site Contact:	Paul Worley

Report Number:	28	
Unit Number:	8	
Shift Onsite Time:	N/A	am/pm
Shift Offsite Time:	N/A	am/pm
	0	Total hrs.
Present Onsite Activities:	PROCESS WATER	

STAND BY

Processing Hrs Today:	0 hrs
BBLs Processed Today:	0 bbls
BBLs/Hr Processed:	#DIV/0!

Lead Supervisor:	Paul Worley
Lead Operator:	
Crew	

Visitors:	BO JACKSON
Visitors:	
Visitors:	

Cumulative Processing Hrs:	75 hrs
Cumulative BBLs Processed:	25,632 bbls
Cumulative BBLs/Hr Processed:	341.8 bbl/hr

Readings:	flow back	Volts/Amps	pH	Turbidity
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 Order
HcL Acid	0	5,566	5,566	
Sodium Hydroxide	0	900	900	

Were there any abnormal operational issues onsite?				
NO				
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
N/A				
Additional Comments				
CHECKED ON LINES VALVES AND TANKS. TOOK SAMPLES TO HOBBS LAB TO CHECK FOR BACTERIA GROWTH.				

Table B-2

Date: 7/4/2012		Report Number: 29	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: N/A am/pm	
Location: Nash 29		Shift Offsite Time: N/A am/pm	
Site Contact: Bo Jackson		0 Total hrs.	
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER	
STAND BY			
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 75 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 25,632 bbls	
BBLs/Hr Processed: #DIV/0!		Cumulative BBLs/Hr Processed: 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 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 N/A N/A N/A	
Visitors: BO JACKSON		Chemical Usage Start Inv. End Inv. On Order	
Visitors:		HcL Acid 0 5,566 5,566	
Visitors:		Sodium Hydroxide 0 900 900	
Were there any abnormal operational issues onsite? NO			
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)? N/A			
Person:		Company: XTO	
Additional Comments: STARTING BACK UP ON THE 9TH OF JULY FOR THE FRAC ON THE 20TH... DUE TO POSSIBLE BACTERIA GROWTH WE WILL WAIT UNTIL CLOSER TO THE FRAC DATE...			

Appendix B
Table B-2

Date:	7/5/2012	Report Number:	30
		Unit Number:	8
Client:	XTO	Shift Onsite Time:	N/A am/pm
Location:	Nash 29	Shift Offsite Time:	N/A am/pm
Site Contact:	Bo Jackson		0 Total hrs.
Site Contact:	Paul Worley	Present Onsite Activities:	PROCESS WATER

STAND BY

Processing Hrs Today:	0 hrs	Cumulative Processing Hrs:	75 hrs
BBLs Processed Today:	0 bbls	Cumulative BBLs Processed:	25,632 bbls
BBLs/Hr Processed:	#DIV/0!	Cumulative BBLs/Hr Processed:	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	5,566	5,566	
Sodium Hydroxide	0	900	900	

Visitors:	BO JACKSON
Visitors:	
Visitors:	

Were there any abnormal operational issues onsite?		
NO		
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
N/A		
Additional Comments		
STARTING BACK UP ON THE 9TH OF JULY FOR THE FRAC ON THE 20TH... DUE TO POSSIBLE BACTERIA GROWTH WE WILL WAIT UNTIL CLOSER TO THE FRAC DATE...		

Appendix B
Table B-2

Date: 7/6/2012		Report Number: 31	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: N/A am/pm	
Location: Nash 29		Shift Offsite Time: N/A am/pm	
Site Contact: Bo Jackson		0 Total hrs.	
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER	
STAND BY			
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 75 hrs	
BBLS Processed Today: 0 bbls		Cumulative BBLS Processed: 25,632 bbls	
BBLS/Hr Processed: #DIV/0!		Cumulative BBLS/Hr Processed: 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	
		N/A N/A N/A N/A	
		N/A N/A N/A N/A	
Visitors: BO JACKSON		Chemical Usage Start Inv. End Inv. On Order	
Visitors:		HcL Acid 0 5,566 5,566	
Visitors:		Sodium Hydroxide 0 900 900	
Were there any abnormal operational issues onsite? NO			
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	
N/A			
Additional Comments			
STARTING BACK UP ON THE 9TH OF JULY FOR THE FRAC ON THE 20TH... DUE TO POSSIBLE BACTERIA GROWTH WE WILL WAIT UNTIL CLOSER TO THE FRAC DATE...			

Appendix B
Table B-2

Date:	7/7/2012	Report Number:	32
		Unit Number:	8
Client:	XTO	Shift Onsite Time:	N/A am/pm
Location:	Nash 29	Shift Offsite Time:	N/A am/pm
Site Contact:	Bo Jackson		0 Total hrs.
Site Contact:	Paul Worley	Present Onsite Activities:	PROCESS WATER

STAND BY

Processing Hrs Today:	0 hrs	Cumulative Processing Hrs:	75 hrs
BBLs Processed Today:	0 bbls	Cumulative BBLs Processed:	25,632 bbls
BBLs/Hr Processed:	#DIV/0!	Cumulative BBLs/Hr Processed:	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
		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	5,566	5,566	
Sodium Hydroxide	0	900	900	

Visitors:	BO JACKSON
Visitors:	
Visitors:	

Were there any abnormal operational issues onsite?								
NO								
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)?								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Person:</td> <td style="width: 30%;"></td> <td style="width: 20%;">Company:</td> <td style="width: 30%;">XTO</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Person:		Company:	XTO				
Person:		Company:	XTO					
N/A								
Additional Comments								
STARTING BACK UP ON THE 9TH OF JULY FOR THE FRAC ON THE 20TH... DUE TO POSSIBLE BACTERIA GROWTH WE WILL WAIT UNTIL CLOSER TO THE FRAC DATE...								

Appendix B
Table B-2

Date: 7/8/2012		Report Number: 33	
		Unit Number: 8	
Client: XTO	Shift Onsite Time: N/A	am/pm	
Location: Nash 29	Shift Offsite Time: N/A	am/pm	
Site Contact: Bo Jackson		0 Total hrs.	
Site Contact: Paul Worley	Present Onsite Activities: PROCESS WATER		

STAND BY

Processing Hrs Today: 0 hrs	Cumulative Processing Hrs: 75 hrs
BBLs Processed Today: 0 bbls	Cumulative BBLs Processed: 25,632 bbls
BBLs/Hr Processed: #DIV/0!	Cumulative BBLs/Hr Processed: 341.8 bbl/hr

Lead Supervisor: Paul Worley	Readings: N/A	flow back:	Volts/Amps: N/A	pH: N/A	Turbidity: N/A
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: HCl Acid	Usage: 0	Start Inv.: 5,566	End Inv.: 5,566	On Order:
Sodium Hydroxide	0	900	900	

Visitors: BO JACKSON
Visitors:
Visitors:

Were there any abnormal operational issues onsite?	
NO	
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: N/A	Company: XTO
Additional Comments: STARTING BACK UP ON THE 9TH OF JULY FOR THE FRAC ON THE 20TH... DUE TO POSSIBLE BACTERIA GROWTH WE WILL WAIT UNTIL CLOSER TO THE FRAC DATE..	

Appendix B
Table B-2

Date: 7/9/2012		Report Number: 34	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00 am/pm	
Location: Nash 29		Shift Offsite Time: 6:00 PM am/pm	
Site Contact: Bo Jackson		Total hrs. 4	
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 4 hrs		Cumulative Processing Hrs: 85 hrs	
BBL'S Processed Today: 1,650 bbls		Cumulative BBL'S Processed: 30,505 bbls	
BBL'S/Hr Processed: 412.5		Cumulative BBL'S/Hr Processed: 358.9 bbl/hr	
Lead Supervisor:	Paul Worley	Readings:	flow back
Lead Operator:	ADAM POLLARD		Volts/Amps
Crew:	REGGIE WHITE		pH
	CHRIS ONEAL		Turbidity
		0200	100
		0400	100
		0500	100
		N/A	N/A
		N/A	N/A
		N/A	N/A
Visitors:	BO JACKSON	Chemical	Usage
Visitors:	BO WELLS	HCl Acid	150
Visitors:		Sodium Hydroxide	130
			900
			770
			YES
Were there any abnormal operational issues onsite?			
NO			
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
N/A			
Additional Comments			
ARRIVED ON LOCATION AT 6:00 AM REVEIUED JSA.. EMPLOYEES HAD SOME TROUBLE WITH SOME VALVES AND WE WERE ON OUR WAY UP FROM KILGORE TRIED TO FIX OVER THE PHONE AND COULD NOT... EMPLOYEES WERE INSTRUCTED TO WAIT UNTIL WE ARRIVED. WE GOT VALVE PROBLEMS FIXED AND STARTED PROCESSING AROUND 1:30 PM AFTER PROBLEM WITH VALVES EVERYTHING WENT WELL AND WE MADE MINOR ADJUSTMENTS TO CHEMICALS.. THERE IS A LITTLE OVER 11,000 BBL'S IN POISIDEN TANK AND WATER LOOKS GOOD IN TANK... WE WILL TREAT WITH BE-6 IN THE MORNING JUST AS A PRECAUTION.			

Table B-2

Date: 7/10/2012		Report Number: 35				
		Unit Number: 8				
Client: XTO		Shift Onsite Time: 6:00 am/pm				
Location: Nash 29		Shift Offsite Time: 6:00 PM am/pm				
Site Contact: Bo Jackson		8 Total hrs.				
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER				
Processing Hrs Today: 8 hrs		Cumulative Processing Hrs: 93 hrs				
BBLs Processed Today: 3,363 bbls		Cumulative BBLs Processed: 33,868 bbls				
BBLs/Hr Processed: 420.375		Cumulative BBLs/Hr Processed: 364.2 bbl/hr				
Lead Supervisor:	Paul Worley	Readings:	flow, back	Volts/Amps	pH	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
		0:00		N/A	N/A	N/A
Visitors:		Chemical	Usage	Start Inv.	End Inv.	On Order
Visitors:	BO WELLS	HcL Acid	200	5,416	5,216	
Visitors:		Sodium Hydroxide	185	770	585	YES
Were there any abnormal operational issues onsite?						
NO						
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		
N/A						
Additional Comments						
ARRIVED ON LOCATION AT 6:00 AM REVEIWED JSA.. STARTED PROCESSING WATER AT 7:00 AM FILLED CLEAN TANKS UP AND WAITED FOR SOME IMPROVEMENTS TO THE PUMP THAT GOES TO POISIDEN TANK. WE LET SMALL PUMP RUN WATER TO IT.. EVERYTHING WENT WELL AND WE MADE SMALL ADJUSTMENTS TO CHEMICALS. WE ALSO GATHERED AND DROPPED OFF SAMPLES FOR HOUSTON AND HOBBS LAB.						

Table B-2

Date: 7/11/2012		Report Number: 36		
		Unit Number: 8		
Client: XTO		Shift Onsite Time: 6:00 am/pm		
Location: Nash 29		Shift Offsite Time: 6:00 PM am/pm		
Site Contact: Bo Jackson		4 Total hrs.		
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER		
Processing Hrs Today: 4 hrs		Cumulative Processing Hrs: 97 hrs		
BBLs Processed Today: 1,980 bbls		Cumulative BBLs Processed: 35,848 bbls		
BBLs/Hr Processed: 495		Cumulative BBLs/Hr Processed: 369.6 bbl/hr		
Lead Supervisor:	Paul Worley	Readings:	flow back	
Lead Operator:	ADAM POLLARD		Volts/Amps	
Crew:	CHRIS ONEAL		pH	
			Turbidity	
		800	100	6.85
		1000	100	6.76
		1200	100	6.9
		1400	100	6.85
		0:00	N/A	N/A
		0:00	N/A	N/A
Visitors:		Chemical	Usage	Start Inv.
Visitors:	BO WELLS	Hcl Acid	235	5,416
Visitors:		Sodium Hydroxide	205	3,800
				5,181
				3,595
Were there any abnormal operational issues onsite?				
NO				
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
N/A				
Additional Comments				
ARRIVED ON LOCATION AT 6:00 AM REVEIUED JSA. STARTED PROCESSING WATER AT 7:00 AM .RAN OUT OF CAUSTIC AND WAITED A COUPLE OF HOURS....CAUSTIC ARRIVED AND EVERYTHING WENT WELL WITH MINOR ADJUSTMENTS TO CHEMICALS.				

Table B-2

Date:	7/12/2012	Report Number:	37			
		Unit Number:	8			
Client:	XTO	Shift Onsite Time:	6:00	am/pm		
Location:	Nash 29	Shift Offsite Time:	8:00 PM	am/pm		
Site Contact:	Bo Jackson		8	Total hrs.		
Site Contact:	Paul Worley	Present Onsite Activities:	PROCESS WATER			
Processing Hrs Today:	8 hrs	Cumulative Processing Hrs:	105 hrs			
BBLs Processed Today:	3,362 bbls	Cumulative BBLs Processed:	39,210 bbls			
BBLs/Hr Processed:	420.25	Cumulative BBLs/Hr Processed:	373.4 bbl/hr			
Lead Supervisor:	PAUL WORLEY	Readings:	flow back	Volts/Amps	pH	Turbidity
Lead Operator:	ADAM POLLARD	800		110	7.1	2.56
Crew:	CHRIS ONEAL	1000		110	7.43	1.89
	REGGIE 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
Visitors:		Chemical	Usage	Start Inv.	End Inv.	On Order
Visitors:	BO WELLS	HcL Acid	355	5,181	4,826	
Visitors:		Sodium Hydroxide	420	3,595	3,175	
Were there any abnormal operational issues onsite?						
NO						
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	
N/A						
Additional Comments						
ARRIVED ON LOCATION AT 6:00 AM REVEIUED JSA. STARTED PROCESSING WATER AT 7:00 AM WE FILLED CLEAN TANKS AND HAD SOME BACK PRESSURE ON SAND FILTERS BECAUSE THE SMALL PUMPE WENT DOWN ONXTO TRANFER PUMP WENT DOWN WE HAD TO WAIT FOR CLEAN TANKS TO GO DOWN TO KEEP FILLING. THERE WAS TO MUCH BACK PRESSURE ON SAND FILTERS AND BLEW SOME OF THE GASKETS.. WE HAD TO REPAIR THEM..XTO COMPANY MAN WAS CALLED AND THEY ARE GOING TO GET A BIGGER PUMP TO TRANSFER WATER. THE SINGLE PUMP ON XTO SIDE IS TOO SMALL TO KEEP UP WITH US. OTHER THAN THE WAITING AND REPAIRS EVERYTHING ELSE WENT WELL AND WE MADE MINOR ADJUSTMENTS TO CHEMICALS.						

Appendix B
Table B-2

Date: 7/13/2012		Report Number: 38		
		Unit Number: 8		
Client: XTO		Shift Onsite Time: 2:00 am/pm		
Location: Nash 29		Shift Offsite Time: 7:00 PM am/pm		
Site Contact: Bo Jackson		10 Total hrs.		
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER		
Processing Hrs Today: 10 hrs		Cumulative Processing Hrs: 107 hrs		
BBLs Processed Today: 4,704 bbls		Cumulative BBLs Processed: 40,552 bbls		
BBLs/Hr Processed: 470.4		Cumulative BBLs/Hr Processed: 379.0 bbl/hr		
Lead Supervisor:	PAUL WORLEY	Readings:	flow/back	
Lead Operator:	ADAM POLLARD		Volts/Amps	
Crew:	CHRIS ONEAL		pH	
	REGGIE WHITE		Turbidity	
		800	110	7.21
		1000	110	6.87
		1200	110	6.95
		1400	110	6.34
		0:00	N/A	N/A
		0:00	N/A	N/A
Visitors:		Chemical	Usage	Start Inv.
Visitors:		Hcl Acid	345	5,181
Visitors:		Sodium Hydroxide	380	3,595
				4,836
				3,215
Were there any abnormal operational issues onsite?		On Order:		
NO				
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	
N/A				
Additional Comments				
ARRIVED ON LOCATION AT 2:00 AM REVEIWED JSA.. STARTED PROCESSING WATER AT 3:00 AM... WE HAD TO WAIT SEVERAL HOURS FOR PUMP TO TRANSFER WATER FROM CLEAN TANKS TO PIT TANK... EVERYTHING ELSE WENT WELL WITH MINOR ADJUSTMENTS TO CHEMICALS WE ALSO TREATED TANKS WITH BE6 FOR ANY POSSIBLE BACTERIA GROWTH.				

Table B-2

Date:	7/14/2012	Report Number:	39			
		Unit Number:	8			
Client:	XTO	Shift Onsite Time:	5:00	am/pm		
Location:	Nash 29	Shift Offsite Time:	7:00 PM	am/pm		
Site Contact:	Bo Jackson		10	Total hrs.		
Site Contact:	Paul Worley	Present Onsite Activities:	PROCESS WATER			
Processing Hrs Today:	10 hrs	Cumulative Processing Hrs:	117 hrs			
BBLs Processed Today:	4,321 bbls	Cumulative BBLs Processed:	44,843 bbls			
BBLs/Hr Processed:	432.1	Cumulative BBLs/Hr Processed:	383.3 bbl/hr			
Lead Supervisor:	PAUL WORLEY	Readings:	flow back	Volts/Amps	pH	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
		1400		100	6.88	1.63
		0:00		N/A	N/A	N/A
		0:00		N/A	N/A	N/A
Visitors:	LARRY ONEAL	Chemical	Usage	Start Inv.	End Inv.	On Order
Visitors:		HcL Acid	380	5,181	4,801	
Visitors:		Sodium Hydroxide	410	3,595	3,185	
Were there any abnormal operational issues onsite?						
NO						
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		
N/A						
Additional Comments						
ARRIVED ON LOCATION AT 5:00 AM REVEIWD JSA..STARTED PROCESSING WATER AT 5:15 AM... WE HAD TO WAIT SEVERAL HOURS FOR PUMP TO TRANFER WATER FROM CLEAN TANKS TO PIT TANK... EVERYTHING ELSE WENT WELL WITH MINOR ADJUSTMENTS TO CHEMICALS						

Appendix B
Table B-2

Date:	7/15/2012
Client:	XTO
Location:	Nash 29
Site Contact:	Bo Jackson
Site Contact:	Paul Worley
Processing Hrs Today:	9 hrs
BBLS Processed Today:	4,273 bbls
BBLS/Hr Processed:	474.7777778
Lead Supervisor:	PAUL WORLEY
Lead Operator:	ADAM POLLARD
Crew:	CHRIS ONEAL
	REGGIE WHITE
Visitors:	LARRY ONEAL
Visitors:	
Visitors:	

Report Number:	40	
Unit Number:	8	
Shift Onsite Time:	6:00	am/pm
Shift Offsite Time:	6:00 PM	am/pm
	9	Total hrs.
Present Onsite Activities:	PROCESS WATER	

Cumulative Processing Hrs:	126 hrs
Cumulative BBLS Processed:	49,116 bbls
Cumulative BBLS/Hr Processed:	389.8 bbl/hr

Readings:	flow back	Volts/Amps	pH	Turbidity
800		100	6.75	1.65
1000		100	6.56	1.97
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	

Were there any abnormal operational issues onsite?	
NO	
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
N/A	
Additional Comments	
ARRIVED ON LOCATION AT 6:00 AM REVEIUED JSA..STARTED PROCESSING WATER AT 6:15 AM... WE HAD TO WAIT SEVERAL HOURS FOR PUMP TO TRANFER WATER FROM CLEAN TANKS TO PIT TANK... FILLED CLEAN TANKS AND SHUT DOWN FOR PUMP TO CATCH UP....EVERYTHING ELSE WENT WELL WITH MINOR ADJUSTMENTS TO CHEMICALS POISIDEN TANK HAS APPROX.35,000 BBLS. IN IT AS OF TODAY.	

Appendix B
Table B-2

Date: 7/16/2012		Report Number: 41	
		Unit Number: 8	
Client: XTO	Shift Onsite Time: 6:00 am/pm		
Location: Nash 29	Shift Offsite Time: 4:00 PM am/pm		
Site Contact: Bo Jackson	Total hrs. 7		
Site Contact: Paul Worley	Present Onsite Activities: PROCESS WATER		
Processing Hrs Today: 7 hrs		Cumulative Processing Hrs: 133 hrs	
BBLs Processed Today: 3,852 bbls		Cumulative BBLs Processed: 52,968 bbls	
BBLs/Hr Processed: 550.2857143		Cumulative BBLs/Hr Processed: 398.3 bbl/hr	
Lead Supervisor: PAUL WORLEY	Readings: 800	flow back	Volts/Amps 100
Lead Operator: CHRIS ONEAL	1000		pH 6.35
Crew: REGGIE WHITE	1200		Turbidity 0.87
	1400		6.43
	0:00		7.12
	0:00		6.97
			1.87
			N/A
			N/A
			N/A
			N/A
			N/A
Visitors: LARRY ONEAL	Chemical	Usage	Start Inv.
Visitors:	HCl Acid	260	4,481
Visitors:	Sodium Hydroxide	285	2,800
			End Inv. 4,221
			On Order
Were there any abnormal operational issues onsite?			
NO			
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
N/A			
Additional Comments			
ARRIVED ON LOCATION AT 6:00 AM REVEIUED JSA..STARTED PROCESSING WATER AT 6:30 AM.... FILLED CLEAN TANKS AND SHUT DOWN FOR PUMP TO CATCH UP....EVERYTHING ELSE WENT WELL WITH MINOR ADJUSTMENTS TO CHEMICALS POISIDEN TANK HAS APPROX.35,000 BBLs. IN IT AS OF TODAY.			

Appendix B
Table B-2

Date: 7/17/2012		Report Number: 42	
		Unit Number: 8	
Client: XTO	Shift Onsite Time: 6:00 am/pm		
Location: Nash 29	Shift Offsite Time: 2:00 PM am/pm		
Site Contact: Bo Jackson	6 Total hrs.		
Site Contact: Paul Worley	Present Onsite Activities: PROCESS WATER		
Processing Hrs Today: 6 hrs		Cumulative Processing Hrs: 139 hrs	
BBLs Processed Today: 2,352 bbls		Cumulative BBLs Processed: 55,320 bbls	
BBLs/Hr Processed: 392		Cumulative BBLs/Hr Processed: 398.0 bbl/hr	
Lead Supervisor: PAUL WORLEY	Readings:	flow back	Volts/Amps
Lead Operator: CHRIS ONEAL	800		100
Crew: REGGIE WHITE	1000		100
	1200		100
	N/A		N/A
	0:00		N/A
	0:00		N/A
Visitors: LARRY ONEAL	Chemical	Usage	Start Inv.
Visitors: JAMIE HARRIS	HCl Acid	205	4,221
Visitors: STEVEN TIPDEN	Sodium Hydroxide	180	2,515
Were there any abnormal operational issues onsite?			
NO			
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
N/A			
Additional Comments			
ARRIVED ON LOCATION AT 6:00 AM REVEIUED JSA.. STARTED PROCESSING WATER AT 6:30 AM... .. FILLED CLEAN TANKS AND SHUT DOWN FOR PUMP TO CATCH UP.... POSIEDEN TANK IS 14" FROM THE TOP AND SHOULD HAVE AROUND 37,280 BBLs... CALLED THE MANUFACTURER FOR TANK HE RECOMMENDED WE STAY AROUND 12" FROM THE TOP... EVERYTHING ELSE WENT WELL WITH MINOR ADJUSTMENTS TO CHEMICAL			

Appendix B
Table B-2

Date:	7/18/2012	Report Number:	43
		Unit Number:	8
Client:	XTO	Shift Onsite Time:	6:00 am/pm
Location:	Nash 29	Shift Offsite Time:	6:00 PM am/pm
Site Contact:	Bo Jackson		0 Total hrs.
Site Contact:	Paul Worley	Present Onsite Activities:	PROCESS WATER

STAND BY WAITING ON FRAC

Processing Hrs Today:	0 hrs	Cumulative Processing Hrs:	139 hrs
BBLs Processed Today:	0 bbls	Cumulative BBLs Processed:	55,320 bbls
BBLs/Hr Processed:	#DIV/0!	Cumulative BBLs/Hr Processed:	398.0 bbl/hr

Lead Supervisor:	PAUL WORLEY	Readings:	flow back	Volts/Amps	pH	Turbidity
Lead Operator:		800		N/A	N/A	N/A
Crew:		1000		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

Chemical	Usage	Start Inv.	End Inv.	On Order
HCl Acid	0	4,016	4,016	
Sodium Hydroxide	0	2,335	2,335	

Visitors:	
Visitors:	
Visitors:	

Were there any abnormal operational issues onsite?
NO

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)?
N/A

Person: **Company:** XTO

Additional Comments
WAITING ON FRAC TO START.....POSIEDEN TANK IS 14" FROM THE TOP AND SHOULD HAVE AROUND 37,280 BBLs... THE MANUFACTURER FOR TANK HE RECOMMENDED WE STAY AROUND 12" FROM THE TOP...

Appendix B
Table B-2

Date: 7/19/2012		Report Number: 44	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 16:00 am/pm	
Location: Nash 29		Shift Offsite Time: 9:00 PM am/pm	
Site Contact: Bo Jackson		3 Total hrs.	
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 3 hrs		Cumulative Processing Hrs: 142 hrs	
BBLs Processed Today: 1,141 bbls		Cumulative BBLs Processed: 56,461 bbls	
BBLs/Hr Processed: 380.333333		Cumulative BBLs/Hr Processed: 397.6 bbl/hr	
Lead Supervisor: PAUL WORLEY		Readings: flow back Volts/Amps pH Turbidity	
Lead Operator: CHRIS PERRY		800 100 7.2 2.34	
Crew:		1000 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	
		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:			
Were there any abnormal operational issues onsite? NO			
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	
N/A			
Additional Comments: GOT A CALL FROM BO JACKSON THAT THE DIRTY TANKS WERE FULL AND I TOLD HIM WE WOULD BE OUT TO GET THEM EMPTY...WE ARRIVED ON LOCATION AROUND 4 PM AND GOT TANKS DOWN SO THEY WOULD NOT OVER FLOW ANYMORE. EVERYTHING WENT WELL.			

Appendix B
Table B-2

Date: 7/20/2012		Report Number: 45	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 9:00 am/pm	
Location: Nash 29		Shift Offsite Time: 5:00 PM am/pm	
Site Contact: Bo Jackson		7 Total hrs.	
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 7 hrs		Cumulative Processing Hrs: 149 hrs	
BBLs Processed Today: 2,136 bbls		Cumulative BBLs Processed: 58,597 bbls	
BBLs/Hr Processed: 305.1428571		Cumulative BBLs/Hr Processed: 393.3 bbl/hr	
Lead Supervisor: PAUL WORLEY	Readings:	flow back	Volts/Amps
Lead Operator: CHRIS PERRY	1200		100
Crew:	1400		100
	1600		100
	N/A		N/A
	0:00		N/A
	0:00		N/A
Visitors:			
Visitors:			
Visitors:			
Chemical Usage			
	Chemical	Usage	Start Inv.
	HCl Acid	220	3,871
	Sodium Hydroxide	180	2,215
End Inv.			
			3,651
			2,035
On Order			
Were there any abnormal operational issues onsite?			
NO			
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
N/A			
Additional Comments			
CONTINUE PROCESSING DIRTY WATER TO GET TANKS LOW ENOUGH TO SWAP OUT SOME VALVES THAT LEAK...WE ARRIVED ON LOCATION AROUND 6 AM AND GOT TANKS DOWN SO THEY WOULD NOT OVER FLOW ANYMORE. EVERYTHING WENT WELL..... GOT TANKS DOWN TO 5 FOOT AND CALLED BO JACKSON TO LET HIM KNOW THAT WE WERE GETTING TO THE OIL.HE SAID FOR US TO STOP THERE.			

Appendix B
Table B-2

Date: 7/21/2012		Report Number: 46	
		Unit Number: 8	
Client: XTO	Shift Onsite Time: 9:00	am/pm	
Location: Nash 29	Shift Offsite Time: 5:00 PM	am/pm	
Site Contact: Bo Jackson		0 Total hrs.	
Site Contact: Paul Worley	Present Onsite Activities:	PROCESS WATER	

STAND BY

Processing Hrs Today:	0 hrs	Cumulative Processing Hrs:	149 hrs
BBLs Processed Today:	0 bbls	Cumulative BBLs Processed:	58,597 bbls
BBLs/Hr Processed:	#DIV/0!	Cumulative BBLs/Hr Processed:	393.3 bbl/hr

Lead/Supervisor: PAUL WORLEY	Readings:	flow back	Volts/Amps	pH	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 Hydroxide	0	2,035	2,035	

Visitors:	
Visitors:	
Visitors:	

Were there any abnormal operational issues onsite?
NO

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
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N/A

Additional Comments
STAND BY WAITING ON FRAC.

Appendix B
Table B-2

Date: 7/22/2012		Report Number: 47	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 9:00 am/pm	
Location: Nash 29		Shift Offsite Time: 5:00 PM am/pm	
Site Contact: Bo Jackson		Total hrs. 0	
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER	
STAND BY			
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 149 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 58,597 bbls	
BBLs/Hr Processed: #DIV/0!		Cumulative BBLs/Hr Processed: 393.3 bbl/hr	
Lead Supervisor: PAUL WORLEY		Readings:	
Lead Operator:		flow back	
Crew:		Volts/Amps	
		pH	
		Turbidity	
		1200 N/A N/A	
		1400 N/A N/A	
		1600 N/A N/A	
		N/A N/A N/A	
		0:00 N/A N/A	
		0:00 N/A N/A	
Visitors:		Chemical	
Visitors:		Usage	
Visitors:		Start Inv.	
		End Inv.	
		On Order	
		HCL Acid 0 3,651 3,651	
		Sodium Hydroxide 0 2,035 2,035	
Were there any abnormal operational issues onsite?			
NO			
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	
N/A			
Additional Comments			
STAND BY WAITING ON FRAC.			

Appendix B
Table B-2

Date: 7/23/2012		Report Number: 48	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 9:00 am/pm	
Location: Nash 29		Shift Offsite Time: 5:00 PM am/pm	
Site Contact: Bo Jackson		0 Total hrs.	
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER	
STAND BY			
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 149 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 58,597 bbls	
BBLs/Hr Processed: #DIV/0!		Cumulative BBLs/Hr Processed: 393.3 bbl/hr	
Lead Supervisor: PAUL WORLEY		Readings:	
Lead Operator:		flow back	
Crew:		Volts/Amps	
		pH	
		Turbidity	
		1200 N/A N/A	
		1400 N/A N/A	
		1600 N/A N/A	
		N/A N/A N/A	
		0:00 N/A N/A	
		0:00 N/A N/A	
Visitors:		Chemical	
Visitors:		Usage	
Visitors:		Start Inv.	
		End Inv.	
		On Order	
		HCl Acid 0 3,651 3,651	
		Sodium Hydroxide 0 2,035 2,035	
Were there any abnormal operational issues onsite?			
NO			
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:	
N/A		XTO	
Additional Comments			
STAND BY WAITING ON FRAC.			

Appendix B
Table B-2

Date: 7/24/2012		Report Number: 49	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 9:00 am/pm	
Location: Nash 29		Shift Offsite Time: 5:00 PM am/pm	
Site Contact: Bo Jackson		0 Total hrs.	
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER	

STAND BY

Processing Hrs Today:	0 hrs	Cumulative Processing Hrs:	149 hrs
BBLs Processed Today:	0 bbls	Cumulative BBLs Processed:	58,597 bbls
BBLs/Hr Processed:	#DIV/0!	Cumulative BBLs/Hr Processed:	393.3 bbl/hr

Lead Supervisor:	PAUL WORLEY	Readings:	flow back	Volts/Amps:	pH	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 Hydroxide	0	2,035	2,035	

Visitors:	
Visitors:	
Visitors:	

Were there any abnormal operational issues onsite?		
NO		
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
N/A		
Additional Comments	STAND BY WAITING ON FRAC.	

Appendix B
Table B-2

Date: 7/25/2012		Report Number: 50	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 9:00 am/pm	
Location: Nash 29		Shift Offsite Time: 5:00 PM am/pm	
Site Contact: Bo Jackson		0 Total hrs.	
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER	

STAND BY

Processing Hrs Today:	0 hrs	Cumulative Processing Hrs:	149 hrs
BBLs Processed Today:	0 bbls	Cumulative BBLs Processed:	58,597 bbls
BBLs/Hr Processed:	#DIV/0!	Cumulative BBLs/Hr Processed:	393.3 bbl/hr

Lead Supervisor:	PAUL WORLEY
Lead Operator:	
Crew:	

Readings:	flow back	Volts/Amps	pH	Turbidity
1200		N/A	N/A	N/A
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 Hydroxide	0	2,035	2,035	

Visitors:	
Visitors:	
Visitors:	

Were there any abnormal operational issues onsite?
NO

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
N/A			

Additional Comments:
STAND BY WAITING ON FRAC.

Appendix B
Table B-2

Date: 7/26/2012		Report Number: 51	
		Unit Number: 8	
Client: XTO	Shift Onsite Time: 9:00 am/pm		
Location: Nash 29	Shift Offsite Time: 5:00 PM am/pm		
Site Contact: Bo Jackson	0 Total hrs.		
Site Contact: Paul Worley	Present Onsite Activities: PROCESS WATER		

STAND BY

Processing Hrs Today: 0 hrs	Cumulative Processing Hrs: 149 hrs
BBLs Processed Today: 0 bbls	Cumulative BBLs Processed: 58,597 bbls
BBLs/Hr Processed: #DIV/0!	Cumulative BBLs/Hr Processed: 393.3 bbl/hr

Lead Supervisor: PAUL WORLEY	Readings:	flow back	Volts/Amps	pH	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 Hydroxide	0	2,035	2,035	

Visitors:	
Visitors:	
Visitors:	

Were there any abnormal operational issues onsite?
NO

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
N/A

Additional Comments
STAND BY WAITING ON FRAC.

Appendix B
Table B-2

Date: 8/1/2012		Report Number: 52	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 11:00 am/pm	
Location: Nash 29		Shift Offsite Time: 4:00 PM am/pm	
Site Contact: Bo Jackson		0 Total hrs.	
Site Contact: Jason Distall		Present Onsite/Activities: PROCESS WATER	
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 149 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 58,597 bbls	
BBLs/Hr Processed: #DIV/0!		Cumulative BBLs/Hr Processed: 393.3 bbl/hr	
Lead Supervisor: Jason Distall	Readings:	flow back	Volts/Amps
Lead Operator	1200		N/A
Crew Eddie McGruder	1400		N/A
Sammy Dean	1600		N/A
Ray Lee	N/A		N/A
	0:00		N/A
	0:00		N/A
Visitors:	Chemical	Usage	Start Inv.
Visitors:	HCl Acid	0	3,651
Visitors:	Sodium Hydroxide	67	2,035
Were there any abnormal operational issues onsite?			
NO			
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
N/A			
Additional Comments			
Filled weir and settling tanks to resume recycle operations 8-02-2012			

Appendix B
Table B-2

Date: 8/2/2012		Report Number: 53	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 5:30 am/pm	
Location: Nash 29		Shift Offsite Time: 4:00 PM am/pm	
Site Contact: Bo Jackson		10.5 Total hrs.	
Site Contact: Jason Distall		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 3 hrs		Cumulative Processing Hrs: 152 hrs	
BBLs Processed Today: 1,392 bbls		Cumulative BBLs Processed: 59,989 bbls	
BBLs/Hr Processed: 464		Cumulative BBLs/Hr Processed: 394.7 bbl/hr	
Lead Supervisor: Jason Distall	Readings:	flow back	Volts/Amps
Lead Operator:	1200		20v 100a
Crew: Eddie McGruder	1400		N/A
	1600		20v 100a
	N/A		N/A
	0:00		N/A
	0:00		N/A
Visitors:			
Visitors:			
Visitors:			
Chemical			
Hcl Acid	Usage	Start Inv.	End Inv.
Sodium Hydroxide	143	3,651	3,508
	117	1,968	1,851
On Order			
Were there any abnormal operational issues onsite?			
Yes, the power source was fluctuating, the lost power.			
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
No			
Additional Comments			
Starting recycling water, had several power surges from supply side. Finally lost power. Contacted Bo Jackson with XTO. He said he would send out electrician 08:00 on 8-03-2012. Operation was shut down for the day.			

Appendix B
Table B-2

Date: 8/3/2012		Report Number: 54	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 5:30 am/pm	
Location: Nash 29		Shift Offsite Time: 4:00 PM am/pm	
Site Contact: Bo Jackson		10.5 Total hrs.	
Site Contact: Chad Edwards		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 6 hrs		Cumulative Processing Hrs: 158 hrs	
BBLs Processed Today: 3,351 bbls		Cumulative BBLs Processed: 63,340 bbls	
BBLs/Hr Processed: 558.5		Cumulative BBLs/Hr Processed: 400.9 bbl/hr	
Lead/Supervisor: Chad Edwards	Readings: flow back	Volts/Amps: 20v 100a	pH: 6.99
Lead Operator: Jason Distall	1200	N/A	N/A
Crew: Eddie McGruder	1400	20v 100a	7.03
Sammy Dean	1500	N/A	N/A
Ray Lee	N/A	N/A	N/A
	0:00	N/A	N/A
	0:00	N/A	N/A
Visitors: Bo Jackson	Chemical: HCL Acid	Usage: 345	Start Inv.: 3,508
Visitors:	Sodium Hydroxide	361	1,851
Visitors:			1,490
Were there any abnormal operational issues onsite?			
No			
Are there any additional supplies/equipment needed? If so, what items and when?			
Yes, supply list will be complete tomorrow.			
Have there been any changes to the current schedule, including volumes needed by client?			
We are limited to approximately 2,000 bbls/day incoming produced water do to power outages.			
Has client provided any operational feedback (positive or negative)?			
Person:		Company:	XTO
No			
Additional Comments			
Water is treating very consistent, an occasional minor adjustment is needed. Increased rate to 410 gpm without effecting the water quality. Due to power outages in the area, Bo Jackson reported that XTO is currently only producing about 2,000 bbls/day. We had to shut down operation at 15:45. Tanks will be filling overnight. Not sure how much we will be able to treat tomorrow with limited produced water coming in.			

Table B-2

Date: 8/4/2012		Report Number: 55				
		Unit Number: 8				
Client: XTO		Shift Onsite Time: 2:30 am/pm				
Location: Nash 29		Shift Offsite Time: 2:00 PM am/pm				
Site Contact: Bo Jackson		11.5 Total hrs.				
Site Contact: Chad Edwards		Present Onsite Activities: PROCESS WATER				
Processing Hrs Today: 8.75 hrs		Cumulative Processing Hrs: 166.75 hrs				
BBLs Processed Today: 4,903 bbls		Cumulative BBLs Processed: 68,243 bbls				
BBLs/Hr Processed: 560.3428571		Cumulative BBLs/Hr Processed: 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
	Adam Pollard	N/A		N/A	N/A	N/A
	Eli Tangura					
Visitors:	Bo Jackson	Chemical	Usage	Start Inv.	End Inv.	On Order
Visitors:		HCl Acid	505	3,163	2,658	
Visitors:		Sodium Hydroxide	508	1,490	982	
Were there any abnormal operational issues onsite?						
No						
Are there any additional supplies/equipment needed? If so, what items and when?						
No, supplies on order						
Have there been any changes to the current schedule, including volumes needed by client?						
We are limited to approximately 2,000 bbls/day incoming produced water do to power outages, however, Bo Jackson expects that to change and hopes to have tanks full by 2:30 am.						
Has client provided any operational feedback (positive or negative)?						
Person:	Bo Jackson	Company:	XTO			
Bo is pleased with our operation and understands that we are currently limited by our incoming supply of produced water. He has been working on returning rate up to a possible 6,000 bbls/day.						
Additional Comments						
There were no chemical adjustments needed today.Both pH and turbidity are stable. We had to shut down treating at 12:45. Bo indicated that we will continue to receive reduced rates of produced water depending on electric company. Crew remained on location to perform housekeeping. Crew will arrive on location at 02:00 anticipating full tanks. We are currently at 19,000 bbls in the poseidon tank with an additional 2,000 at recycle location. We will complete recycling for the upcoming frac ahead of schedule as long as the incoming produced water rate returns.						

Appendix B
Table B-2

Date: 8/5/2012		Report Number: 56																																		
		Unit Number: 8																																		
Client: XTO		Shift Onsite Time: 6:00 am/pm																																		
Location: Nash 29		Shift Offsite Time: 4:00 PM am/pm																																		
Site Contact: Bo Jackson		11.5 Total hrs.																																		
Site Contact: Chad Edwards		Present Onsite Activities: PROCESS WATER																																		
Processing Hrs Today: 6 hrs		Cumulative Processing Hrs: 172.75 hrs																																		
BBLs Processed Today: 3,263 bbls		Cumulative BBLs Processed: 71,506 bbls																																		
BBLs/Hr Processed: 543.8333333		Cumulative BBLs/Hr Processed: 413.9 bbl/hr																																		
Lead Supervisor: Chad Edwards	<table border="1"> <tr> <th>Readings:</th> <th>flow back</th> <th>Volts/Amps</th> <th>pH</th> <th>Turbidity</th> </tr> <tr> <td>08:00</td> <td></td> <td>20v 100a</td> <td>7.1</td> <td>5.12</td> </tr> <tr> <td>10:00</td> <td></td> <td>20v 100a</td> <td>7.09</td> <td>4.03</td> </tr> <tr> <td>12:30</td> <td></td> <td>20v 100a</td> <td>7.11</td> <td>4.05</td> </tr> <tr> <td>N/A</td> <td></td> <td>N/A</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>N/A</td> <td></td> <td>N/A</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>N/A</td> <td></td> <td>N/A</td> <td>N/A</td> <td>N/A</td> </tr> </table>	Readings:	flow back	Volts/Amps	pH	Turbidity	08:00		20v 100a	7.1	5.12	10:00		20v 100a	7.09	4.03	12:30		20v 100a	7.11	4.05	N/A		N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A		N/A	N/A	N/A
Readings:		flow back	Volts/Amps	pH	Turbidity																															
08:00			20v 100a	7.1	5.12																															
10:00			20v 100a	7.09	4.03																															
12:30			20v 100a	7.11	4.05																															
N/A			N/A	N/A	N/A																															
N/A			N/A	N/A	N/A																															
N/A		N/A	N/A	N/A																																
Lead Operator:																																				
Crew: Eddie McGruder																																				
Chemical	Usage	Start Inv.	End Inv.	On Order																																
HCl Acid	326	2,658	2,332																																	
Sodium Hydroxide	331	982	651																																	
Visitors: Bo Jackson																																				
Visitors:																																				
Visitors:																																				
Were there any abnormal operational issues onsite?																																				
No																																				
Are there any additional supplies/equipment needed? If so, what items and when?																																				
No, supplies on order																																				
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																																	
Additional Comments																																				
Water is processing well. Incoming rate tomorrow should be about 4500 bbls.																																				

Appendix B
Table B-2

Date:	8/6/2012	Report Number:	57			
		Unit Number:	8			
Client:	XTO	Shift Onsite Time:	5:30 am/pm			
Location:	Nash 29	Shift Offsite Time:	7:30 PM am/pm			
Site Contact:	Bo Jackson		11.5 Total hrs.			
Site Contact:	Chad Edwards	Present Onsite Activities:	PROCESS WATER			
Processing Hrs Today:	10.5 hrs	Cumulative Processing Hrs:	183.25 hrs			
BBLs Processed Today:	5,060 bbls	Cumulative BBLs Processed:	76,566 bbls			
BBLs/Hr Processed:	481.9047619	Cumulative BBLs/Hr Processed:	417.8 bbl/hr			
Lead Supervisor:	Chad Edwards	Readings:	flow back	Volts/Amps	pH	Turbidity
Lead Operator:	Sammy Dean	08:00		20v 100a	7.1	2.58
Crew:	Eddie McGruder	10:00		20v 100a	7.01	2.25
	Ray Lee	14:00		20v 100a	7.05	2.06
	Chris Ray	16:00		20v 100a	7.09	1.89
	Reginald White	N/A		20v 100a	7	1.92
		N/A		N/A	N/A	N/A
Visitors:	Bo Jackson	Chemical	Usage	Start Inv.	End Inv.	On Order
Visitors:		HCL Acid	512	2,332	1,820	
Visitors:		Sodium Hydroxide	379	651	272	
Were there any abnormal operational issues onsite?						
No						
Are there any additional supplies/equipment needed? If so, what items and when?						
Supplies have been ordered and will begin receiving tomorrow						
Have there been any changes to the current schedule, including volumes needed by client?						
We will be running a split shift on a trial basis tomorrow. Bo Jackson will be out Friday-Monday; so in order to capture as much water as possible, we will run morning and evening shifts at his suggestion.						
Has client provided any operational feedback (positive or negative)?						
Person:		Company:				XTO
Additional Comments						
We have a total of 28,100 bbls treated to date for the upcoming frac on the 9th. Should have no trouble completing the needed volume. Also, we will continue to run after reaching the 35,000 bbls needed until all tanks are full. This should help get a jumpstart on the following frac which will be tight given limited incoming produced water.						

Table B-2

Date:	8/7/2012	Report Number:	58		
		Unit Number:	8		
Client:	XTO	Shift Onsite Time:	6:00	am/pm	
Location:	Nash 29	Shift Offsite Time:	12:00 PM	am/pm	
Site Contact:	Bo Jackson		18	Total hrs.	
Site Contact:	Paul Worley	Present Onsite Activities:	PROCESS WATER		
Processing Hrs Today:	11 hrs	Cumulative Processing Hrs:	194 hrs		
BBLs Processed Today:	5,560 bbls	Cumulative BBLs Processed:	82,126 bbls		
BBLs/Hr Processed:	505.454545	Cumulative BBLs/Hr Processed:	423.3 bbl/hr		
Lead Supervisor:	Paul Worley	Readings:	flow back	Volts/Amps	pH
Lead Operator:	Sammy Dean	08:00		100	6.89
Crew:	Eddie McGruder	10:00		100	6.93
	Ray Lee	14:00		100	7.12
	Chris Ray	16:00		100	7.24
	Reginald White	18:00		100	7.1
		N/A		N/A	N/A
		Chemical	Usage	Start Inv.	End Inv.
		HCl Acid	375	3,750	3,375
		Sodium Hydroxide	420	1,200	780
Visitors:	Bo Jackson				
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?					
SPLIT SHIFTS TO LET DIRTY TANKS FILL IN BETWEEN SHIFTS.					
Has client provided any operational feedback (positive or negative)?					
Person:		Company:		XTO	
Additional Comments					
ARRIVED ON LOCATION AT 6 AM REVIEWED JSARAN AS MUCH WATER AS WE COULD FROM DIRTY TANKS AND THEN SHUT DOWNNIGHT SHIFT ARRIVED AND CONTINUED CLEANING UNTIL THEY RAN OUT OF DIRTY WATER.EVERYTHING WENT WELL WITH MINOR ADJUSTMENTS TO THE CHEMICALS...WE WILL HAVE PLENTY OF WATER FOR FRAC ON THE 9th.					

Appendix B
Table B-2

Date: 8/8/2012		Report Number: 59	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00 am/pm	
Location: Nash 29		Shift Offsite Time: 1:00 AM am/pm	
Site Contact: Bo Jackson		19 Total hrs.	
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 12 hrs		Cumulative Processing Hrs: 206 hrs	
BBLs Processed Today: 4,126 bbls		Cumulative BBLs Processed: 86,252 bbls	
BBLs/Hr Processed: 343.8333333		Cumulative BBLs/Hr Processed: 418.7 bbl/hr	
Lead Supervisor: Paul Worley	Readings:	flow back	Volts/Amps
Lead Operator: Ken Erler	08:00		100
Crew: Eddie McGruder	10:00		100
Ray Lee	14:00		100
Chris Perry	16:00		100
Reginald White	18:00		100
	N/A		N/A
Visitors: Bo Jackson	Chemical	Usage	Start Inv.
Visitors:	Hcl Acid	300	3,750
Visitors:	Sodium Hydroxide	335	3,280
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?			
SPLIT SHIFTS TO LET DIRTY TANKS FILL IN BETWEEN SHIFTS.			
Has client provided any operational feedback (positive or negative)?			
Person:		Company:	XTO
Additional Comments			
ARRIVED ON LOCATION AT 6 AM REVIEWED JSARAN AS MUCH WATER AS WE COULD FROM DIRTY TANKS AND THEN SHUT DOWNNIGHT SHIFT ARRIVED AND CONTINUED CLEANING UNTIL THEY RAN OUT OF DIRTY WATER.EVERYTHING WENT WELL WITH MINOR ADJUSTMENTS TO THE CHEMICALS.			

Appendix B
Table B-2

Date: 8/9/2012		Report Number: 60	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00 am/pm	
Location: Nash 29		Shift Offsite Time: 1:00 AM am/pm	
Site Contact: Bo Jackson		Present Onsite Activities: 12 Total hrs.	
Site Contact: Paul Worley		PROCESS WATER	
Processing Hrs Today: 8 hrs		Cumulative Processing Hrs: 214 hrs	
BBLs Processed Today: 3,441 bbls		Cumulative BBLs Processed: 89,693 bbls	
BBLs/Hr Processed: 430.125		Cumulative BBLs/Hr Processed: 419.1 bbl/hr	
Lead Supervisor:	Paul Worley	Readings:	flow back
Lead Operator:	Eddie McGruder		Volts/Amps
Crew:	Ray Lee		pH
	Chris Perry		Turbidity
	Reginald White	08:00	100
		10:00	100
		19:00	100
		21:00	100
		22:00	100
		N/A	N/A
			N/A
			N/A
			N/A
			N/A
Visitors:	Bo Jackson	Chemical	Usage
Visitors:			Start Inv.
Visitors:			End Inv.
			On Order
		HCl Acid	351
		Sodium Hydroxide	374
			3,450
			2,945
			3,099
			2,571
			no
			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?			
SPLIT SHIFTS TO LET DIRTY TANKS FILL IN BETWEEN SHIFTS.			
Has client provided any operational feedback (positive or negative)?			
Person:		Company:	XTO
Additional Comments			
ARRIVED ON LOCATION AT 6 AM REVIEWED JSARAN AS MUCH WATER AS WE COULD FROM DIRTY TANKS AND THEN SHUT DOWNNIGHT SHIFT ARRIVED AND CONTINUED CLEANING UNTIL THEY RAN OUT OF DIRTY WATER.EVERYTHING WENT WELL WITH MINOR ADJUSTMENTS TO THE CHEMICALS.			

Appendix B
Table B-2

Date:	8/10/2012	Report Number:	61			
		Unit Number:	8			
Client:	XTO	Shift Onsite/Time:	6:00 am/pm			
Location:	Nash 29	Shift Offsite/Time:	4:00 PM am/pm			
Site Contact:	Bo Jackson		9 Total hrs.			
Site Contact:	Paul Worley	Present Onsite Activities:	PROCESS WATER			
Processing Hrs Today:	9 hrs	Cumulative Processing Hrs:	223 hrs			
BBLs Processed Today:	3,990 bbls	Cumulative BBLs Processed:	93,683 bbls			
BBLs/Hr Processed:	443.3333333	Cumulative BBLs/Hr Processed:	420.1 bbl/hr			
Lead/Supervisor:	Paul Worley	Readings:	flow back:	Volts/Amps	pH	Turbidity
Lead Operator	Eddie McGruder	08:00		100	6.76	1.35
Crew	Ray Lee	10:00		100	6.23	1.67
	Chris Perry	12:00		100	7.12	1.98
	Reginald White	14:00		100	6.52	1.32
		N/A		N/A	N/A	N/A
		N/A		N/A	N/A	N/A
Visitors:	Bo Jackson	Chemical	Usage	Start Inv.	End Inv.	On Order
Visitors:		Hcl Acid	359	2,748	2,389	no
Visitors:		Sodium Hydroxide	403	2,197	1,794	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		
Additional Comments						
ARRIVED ON LOCATION AT 6 AM REVIEWED JSARAN AS MUCH WATER AS WE COULD FROM DIRTY TANKS AND THEN SHUT DOWNEVERYTHING WENT WELL WITH MINOR ADJUSTMENTS TO THE CHEMICALS.						

Appendix B
Table B-2

Date: 8/11/2012		Report Number: 62	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00 am/pm	
Location: Nash 29		Shift Offsite Time: 6:00 PM am/pm	
Site Contact: Bo Jackson		10 Total hrs.	
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 10 hrs		Cumulative Processing Hrs: 233 hrs	
BBLs Processed Today: 4,279 bbls		Cumulative BBLs Processed: 97,962 bbls	
BBLs/Hr Processed: 427.9		Cumulative BBLs/Hr Processed: 420.4 bbl/hr	
Lead Supervisor: Paul Worley		Readings: flow back Volts/Amps pH 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 385 2,389 2,004 no	
		Sodium Hydroxide 411 1,794 1,383 no	
Visitors: Bo Jackson			
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	
Additional Comments			
ARRIVED ON LOCATION AT 6 AM REVIEWED JSAPROCESSED AS MUCH WATER AS WE COULD FROM DIRTY TANKSEVERYTHING WENT WELL WITH MINOR ADJUSTMENTS TO THE CHEMICALS.			

Appendix B
Table B-2

Date: 8/12/2012		Report Number: 63	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00 am/pm	
Location: Nash 29		Shift Offsite Time: 6:00 PM am/pm	
Site Contact: Bo Jackson		16 hrs Total hrs.	
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 16 hrs		Cumulative Processing Hrs: 239 hrs	
BBLs Processed Today: 3,359 bbls		Cumulative BBLs Processed: 101,321 bbls	
BBLs/Hr Processed: 209.9375		Cumulative BBLs/Hr Processed: 423.9 bbl/hr	
Lead Supervisor: Paul Worley		Readings: flow back Volts/Amps pH 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 350 2,004 1,654 no	
		Sodium Hydroxide 411 1,794 1,383 no	
Visitors: Bo Jackson			
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	
Additional Comments			
Performed our morning JSA, consist of trips, falls, 3 point contact when climbing up and down steps and ladders. Make sure we use proper PPE when handling chemicals. It is hot make sure we drink plenty of fluids if feel weak go find a place to sit down. Worked on unit did housekeeping.			

Appendix B
Table B-2

Date: 8/13/2012		Report Number: 64	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00 am/pm	
Location: Nash 29		Shift Offsite Time: 6:00 PM am/pm	
Site Contact: Bo Jackson		12 hrs Total hrs.	
Site Contact: Paul Worley		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 12 hrs		Cumulative Processing Hrs: 235 hrs	
BBLs Processed Today: 4,735 bbls		Cumulative BBLs Processed: 106,056 bbls	
BBLs/Hr Processed: 394.5833333		Cumulative BBLs/Hr Processed: 451.3 bbl/hr	
Lead Supervisor:	Paul Worley	Readings:	flow back Volts/Amps pH 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	405 2,004 1,599 no
		Sodium Hydroxide	411 1,794 1,383 no
Visitors:	Bo Jackson		
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
Additional Comments:			
Performed our morning JSA, Weather conditions some rain , slippery and muddy. Proper PPE when handling chemicals. Watch out for your co-workers. When lifting use the buddy system. XTO wells keep going down, have a crew working on them.			

Appendix B
Table B-2

Date: 8/14/2012		Report Number: 65	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00 am/pm	
Location: Nash 29		Shift Offsite Time: 6:00 PM am/pm	
Site Contact: Bo Jackson		14 hrs Total hrs.	
Site Contact: Sammy Deam		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 14 hrs		Cumulative Processing Hrs: 251 hrs	
BBLs Processed Today: 6,008 bbls		Cumulative BBLs Processed: 112,064 bbls	
BBLs/Hr Processed: 429.1428571		Cumulative BBLs/Hr Processed: 446.5 bbl/hr	
Lead Supervisor:	Sammy Dean	Readings:	flow back
Lead Operator:	Eddie McGruder		Volts/Amps
Crew:	Ray Lee	08:00	pH
	Chris Perry	10:00	Turbidity
	Reginald White	12:00	
		14:00	
		16:00	
		N/A	
Visitors:	Bo Jackson	Chemical	Usage
Visitors:		HCl Acid	525
Visitors:		Sodium Hydroxide	598
Were there any abnormal operational issues onsite?		Start Inv.	End Inv.
No		2,004	1,479
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
Additional Comments			
Performed our morning JSA, Proper PPE when handling chemicals. Team work help each other out know where our musting area is. XTO Still trying to get wells back up and online. Placed an order for Caustic will not be here till Friday morning.			

Table B-2

Date: 8/15/2012		Report Number: 66	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00 am/pm	
Location: Nash 29		Shift Offsite Time: 6:00 PM am/pm	
Site Contact: Bo Jackson		16 hrs Total hrs.	
Site Contact: Sammy Deam		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 16 hrs		Cumulative Processing Hrs: 267 hrs	
BBLs Processed Today: 7,282 bbls		Cumulative BBLs Processed: 119,346 bbls	
BBLs/Hr Processed: 455.125		Cumulative BBLs/Hr Processed: 447.0 bbl/hr	
Lead Supervisor: Sammy Dean		Readings: flow back Volts/Amps pH 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 525 2,004 1,479 no	
		Sodium Hydroxide 598 1,794 1,196 no	
Visitors: Bo Jackson			
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	
Additional Comments			
Performed our morning JSA, Proper PPE when handling chemicals. Watch out for each other. Keep a clean path to shower trailer. XTO has some pumps up and going. Received 2 totes of Caustic from Hobbs Yard.			

Appendix B
Table B-2

Date: 8/16/2012		Report Number: 67	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00 am/pm	
Location: Nash 29		Shift Offsite Time: 6:00 PM am/pm	
Site Contact: Bo Jackson		11 hrs Total hrs.	
Site Contact: Sammy Deam		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 11 hrs		Cumulative Processing Hrs: 278 hrs	
BBLs Processed Today: 3,056 bbls		Cumulative BBLs Processed: 121,402 bbls	
BBLs/Hr Processed: 277.8181818		Cumulative BBLs/Hr Processed: 436.7 bbl/hr	
Lead Supervisor: Sammy Dean	Readings:	flow back	Volts/Amps
Lead Operator: Eddie McGruder	08:00		100
Crew: Ray Lee	10:00		100
Chris Perry	12:00		100
Reginald White	14:00		100
	16:00		100
	N/A		N/A
Visitors: Bo Jackson	Chemical	Usage	Start Inv.
Visitors:	HCl Acid	355	1,479
Visitors:	Sodium Hydroxide	266	1,196
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
Additional Comments			
Performed our morning JSA, Proper PPE when chemicals. Pick up all extra hose laying around. Receive 1 tote of Caustic from Third Party Vendor 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.			

Appendix B
Table B-2

Date:	8/17/2012	Report Number:	68			
		Unit Number:	8			
Client:	XTO	Shift Onsite Time:	6:00 am/pm			
Location:	Nash 29	Shift Offsite Time:	6:00 PM am/pm			
Site Contact:	Bo Jackson		4 hrs Total hrs.			
Site Contact:	Sammy Deam	Present Onsite Activities:	PROCESS WATER			
Processing Hrs Today:	4 hrs	Cumulative Processing Hrs:	282 hrs			
BBL'S Processed Today:	1,009 bbls	Cumulative BBL'S Processed:	122,411 bbls			
BBL'S/Hr Processed:	252.25	Cumulative BBL'S/Hr Processed:	434.1 bbl/hr			
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	pH	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:						
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
Additional Comments						
Performed our morning JSA, Proper PPE when handling chemicals. Caustic will not show up until Monday 08-20-2012. Replace the Yardney Media Filter box on the Brown Bear. Raining watch walking area muddy and slippery						

Table B-2

Performed our morning JSA Proper PPE drink plenty of fluid. Watch out for each other.

Appendix B
Table B-2

Date: 8/19/2012		Report Number: 70	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00 am/pm	
Location: Nash 29		Shift Offsite Time: 6:00 PM am/pm	
Site Contact: Bo Jackson		4 hrs Total hrs.	
Site Contact: Sammy Deam		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 4 hrs		Cumulative Processing Hrs: 292 hrs	
BBLs Processed Today: 1,009 bbls		Cumulative BBLs Processed: 126,305 bbls	
BBLs/Hr Processed: 252.25		Cumulative BBLs/Hr Processed: 432.6 bbl/hr	
Lead Supervisor: Sammy Dean	Readings:	flow back	Volts/Amps
Lead Operator: Eddie McGruder	08:00		100
Crew: Ray Lee	10:00		100
Chris Perry	12:00		100
Reginald White	14:00		100
	16:00		100
	N/A		N/A
Visitors: Bo Jackson	Chemical	Usage	Start Inv.
Visitors:	HCl Acid	125	3,669
Visitors:	Sodium Hydroxide	150	3,550
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
Additional Comments			
Shut down due to cracked 4" Tee .Shut down system to fix leak. Returned to processing water			

Appendix B
Table B-2

Date: 8/20/2012		Report Number: 71	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00 am/pm	
Location: Nash 29		Shift Offsite Time: 6:00 PM am/pm	
Site Contact: Bo Jackson		12 hrs Total hrs.	
Site Contact: Sammy Deam		Present Onsite Activities: Maintenance	
Maint on Unit			
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 292 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 126,305 bbls	
BBLs/Hr Processed: #DIV/0!		Cumulative BBLs/Hr Processed: 432.6 bbl/hr	
Lead Supervisor: Sammy Dean		Readings: flow back Volts/Amps pH 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 0 3,544 3,544 yes	
		Sodium Hydroxide 0 3,400 3,400 No	
Visitors: Bo Jackson			
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	
Additional Comments:			
Replace 4 " line on Brown bear waiting for glue to cure. Continue operations 8/21			

Appendix B
Table B-2

Date: 8/21/2012		Report Number: 72	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 5:00 am/pm	
Location: Nash 29		Shift Offsite Time: 11:00 PM am/pm	
Site Contact: Bo Jackson		18 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 8 hrs		Cumulative Processing Hrs: 300 hrs	
BBLs Processed Today: 3,208 bbls		Cumulative BBLs Processed: 129,513 bbls	
BBLs/Hr Processed: 401		Cumulative BBLs/Hr Processed: 431.7 bbl/hr	
Lead Supervisor: Sammy Dean	Readings:	flow back	Volts/Amps
Lead Operator: Chris Perry	16:30		110
Crew: Reginald White	18:30		110
	20:30		110
	22:30		110
	N/A		N/A
	N/A		N/A
Visitors: Bo Jackson	Chemical	Usage	Start Inv.
Visitors:	HCl Acid	400	5,300
Visitors:	Sodium Hydroxide	350	2,980
Were there any abnormal operational issues onsite?			
No			
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
No			
Additional Comments			
Presiding tank is full, will not send nomore water to this tank till date of frac job. Started filling holding tanks.			

Appendix B
Table B-2

Date: 8/22/2012		Report Number: 73	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 9:00 am/pm	
Location: Nash 29		Shift Offsite Time: 4:00 PM am/pm	
Site Contact: Bo Jackson		7 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 3 hrs		Cumulative Processing Hrs: 303 hrs	
BBL'S Processed Today: 1,419 bbls		Cumulative BBL'S Processed: 130,932 bbls	
BBL'S/Hr Processed: 473		Cumulative BBL'S/Hr Processed: 432.1 bbl/hr	
Lead Supervisor: Sammy Dean	Readings:	flow back	Volts/Amps
Lead Operator: Chris Perry	11:30		110
Crew: Reginald White	13:30		110
	15:30		110
	15:44		110
	N/A		N/A
	N/A		N/A
Visitors: Bo Jackson	Chemical	Usage	Start Inv.
Visitors:	HCl Acid	200	4,900
Visitors:	Sodium Hydroxide	175	2,630
Were there any abnormal operational issues onsite?			
No			
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
No			
Additional Comments			
Poseidon tank is full, will not send more water to this tank till date of frac job. Started filling holding tanks.			

Appendix B
Table B-2

Date: 8/23/2012		Report Number: 74	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 10:00 am/pm	
Location: Nash 29		Shift Offsite Time: 7:00 PM am/pm	
Site Contact: Bo Jackson		9 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 5 hrs		Cumulative Processing Hrs: 308 hrs	
BBLs Processed Today: 2,648 bbls		Cumulative BBLs Processed: 133,580 bbls	
BBLs/Hr Processed: 529.6		Cumulative BBLs/Hr Processed: 433.7 bbl/hr	
Lead Supervisor:	Sammy Dean	Readings:	flow back
Lead Operator:	Chris Perry		Volts/Amps
Crew:	Reginald White		pH
			Turbidity
		13:00	110
		15:00	110
		17:00	110
		18:00	110
		N/A	N/A
		N/A	N/A
Visitors:	Bo Jackson	Chemical	Usage
Visitors:		HCL Acid	150
Visitors:		Sodium Hydroxide	375
Were there any abnormal operational issues onsite?			
Rain and wind			
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
No			
Additional Comments			
Filled holding tanks to 13 feet as per Bo Jackson's instructions. All tanks are full waiting for Frac date.			

Appendix B
Table B-2

Date: 8/24/2012		Report Number: 75	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 10:00 am/pm	
Location: Nash 29		Shift Offsite Time: 7:00 PM am/pm	
Site Contact: Bo Jackson		9 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: PROCESS WATER	
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 308 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 133,580 bbls	
BBLs/Hr Processed: 0		Cumulative BBLs/Hr Processed: 433.7 bbl/hr	
Lead Supervisor: Sammy Dean	Readings:	flow back	Volts/Amps
Lead Operator: Chris Perry	13:00		N/A
Crew: Reginald White	15:00		N/A
	17:00		N/A
	18:00		N/A
	N/A		N/A
	N/A		N/A
Visitors: Bo Jackson	Chemical	Usage	Start Inv.
Visitors:	HCl Acid	0	4,700
Visitors:	Sodium Hydroxide	0	2,455
Were there any abnormal operational issues onsite?			
No			
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
No			
Additional Comments			
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 effluent, 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.			

Appendix B
Table B-2

Date: 8/25/2012		Report Number: 76	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 8:00 am/pm	
Location: Nash 29		Shift Offsite Time: 5:00 AM am/pm	
Site Contact: Bo Jackson		9 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Maintenance	
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 308 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 133,580 bbls	
BBLs/Hr Processed: 0		Cumulative BBLs/Hr Processed: 433.7 bbl/hr	
Lead Supervisor: Sammy Dean	Readings:	flow back	Volts/Amps
Lead Operator: Chris Perry	13:00		N/A
Crew: Reginald White	15:00		N/A
	17:00		N/A
	18:00		N/A
	N/A		N/A
	N/A		N/A
Visitors: Bo Jackson	Chemical	Usage	Start Inv.
Visitors:	HCl Acid	0	4,700
Visitors:	Sodium Hydroxide	0	2,455
Were there any abnormal operational issues onsite?			
No			
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
No			
Additional Comments			
Did not run today all equipment is filled. Water in weir tanks is clear. Trying to get a pressure washer to clean out Brown Bear.			

Appendix B
Table B-2

Date: 8/26/2012		Report Number: 77	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 10:00 am/pm	
Location: Nash 29		Shift Offsite Time: 7:00 PM am/pm	
Site Contact: Bo Jackson		9 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Maintenance	
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 308 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 133,580 bbls	
BBLs/Hr Processed: 0		Cumulative BBLs/Hr Processed: 433.7 bbl/hr	
Lead Supervisor:	Sammy Dean	Readings:	flow back
Lead Operator:	Chris Perry		Volts/Amps
Crew:	Reginald White		pH
			Turbidity
		13:00	N/A
		15:00	N/A
		17:00	N/A
		18:00	N/A
		N/A	N/A
		N/A	N/A
Visitors:	Bo Jackson	Chemical	Usage
Visitors:		HCl Acid	0
Visitors:		Sodium Hydroxide	2,455
Were there any abnormal operational issues onsite?			
No			
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?			
Standby- by as per customer request			
Has client provided any operational feedback (positive or negative)?			
Person:		Company:	XTO
No			
Additional Comments:			
Did not run today all equipment is filled. Water in weir tanks is clear. Trying to get a pressure washer to clean out Brown Bear.			

Appendix B
Table B-2

Date: 8/27/2012		Report Number: 78	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 8:00 am/pm	
Location: Nash 29		Shift Offsite Time: 5:00 AM am/pm	
Site Contact: Bo Jackson		9 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Maintenance	
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 308 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 133,580 bbls	
BBLs/Hr Processed: 0		Cumulative BBLs/Hr Processed: 433.7 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	
Visitors: Bo Jackson		Chemical Usage Start Inv. End Inv. On Order	
Visitors: Todd Cage		HCl Acid 0 4,700 4,550 No	
Visitors: Arron Karcher		Sodium Hydroxide 0 2,455 2,080 No	
Were there any abnormal operational issues onsite?			
No			
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?			
Standby- by as per customer request			
Has client provided any operational feedback (positive or negative)?			
Person:		Company: XTO	
No			
Additional Comments:			
Did not run today all equipment is filled. Water in weir tanks is clear. Still to get a pressure washer to clean out Brown Bear. Poseidon tank has started leaking from seams. Mr. Randy Green, is going to have some of the water transferred to XTO Nash Draw 49 H and some to XTO Nash Draw Unit # 57 H.			

Appendix B
Table B-2

Date: 8/28/2012		Report Number: 79	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 8:00 am/pm	
Location: Nash 29		Shift Offsite Time: 5:00 am/pm	
Site Contact: Bo Jackson		9 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Maintenance	
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 308 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 133,580 bbls	
BBLs/Hr Processed: 0		Cumulative BBLs/Hr Processed: 433.7 bbl/hr	
Lead Supervisor: Sammy Dean	Readings:	flow back	Volts/Amps
Lead Operator: Chris Perry	13:00		N/A
Crew: Reginald White	15:00		N/A
	17:00		N/A
	18:00		N/A
	N/A		N/A
	N/A		N/A
Visitors: Bo Jackson	Chemical	Usage	Start Inv.
Visitors:	HCl Acid	0	4,700
Visitors:	Sodium Hydroxide	0	2,455
Were there any abnormal operational issues onsite?			
Poseidon tank off location developed 2 leaks. Operation has been on standby until leaks can be repaired			
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?			
Standby as per customer request			
Has client provided any operational feedback (positive or negative)?			
Person:		Company:	XTO
No			
Additional Comments			
Did not process water today. All tanks are full. Poseidon tank under repair with 2 leaks So complete repairs 8/30/12.			

Appendix B
Table B-2

Date:	8/29/2012			
Client:	XTO			
Location:	Nash 29			
Site Contact:	Bo Jackson			
Site Contact:	Sammy Dean			
Processing Hrs Today:	0 hrs			
BBLS Processed Today:	0 bbls			
BBLS/Hr Processed:	0			
Lead Supervisor:	Sammy Dean			
Lead Operator:	Chris Perry			
Crew:	Reginald White			
Visitors:	Bo Jackson			
Visitors:				
Visitors:				
Report Number:	80			
Unit Number:	8			
Shift Onsite Time:	8:00	am/pm		
Shift Offsite Time:	5:00	am/pm		
	9 hrs	Total hrs.		
Present Onsite Activities:	Maintenance			
Cumulative Processing Hrs:	308	hrs		
Cumulative BBLS Processed:	133,580	bbls		
Cumulative BBLS/Hr Processed:	433.7	bbl/hr		
Readings:	flow back	Volts/Amps	pH	Turbidity
13:00		N/A	N/A	N/A
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
Sodium Hydroxide	0	2,455	2,080	No
Were there any abnormal operational issues onsite?				
Poseidon tank off location developed 2 leaks. Operation has been on standby until leaks can be repaired				
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?				
Standby as per customer request				
Has client provided any operational feedback (positive or negative)?				
Person:		Company:		XTO
No				
Additional Comments				
Did not process water today. All tanks are full. Poseidon tank under repair with 2 leaks So complete repairs 8/31/12. Mr. Jackson advised we should be able to start cleaning water on Friday 31st Day Of August 2012, sometime that evening.				

Appendix B
Table B-2

Date: 8/30/2012		Report Number: 81	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 8:00 am/pm	
Location: Nash 29		Shift Offsite Time: 5:00 am/pm	
Site Contact: Bo Jackson		9 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Maintenance	
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 308 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 133,580 bbls	
BBLs/Hr Processed: 0		Cumulative BBLs/Hr Processed: 433.7 bbl/hr	
Lead Supervisor: Sammy Dean	Readings:	flow back	Volts/Amps
Lead Operator: Chris Perry	13:00		N/A
Crew: Reginald White	15:00		N/A
	17:00		N/A
	18:00		N/A
	N/A		N/A
	N/A		N/A
Visitors: Bo Jackson	Chemical	Usage	Start Inv.
Visitors:	HCl Acid	0	4,700
Visitors:	Sodium Hydroxide	0	2,455
Were there any abnormal operational issues onsite?			
Poseidon tank off location developed 2 leaks. Operation has been on standby until leaks can be repaired			
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?			
Standby as per customer request			
Has client provided any operational feedback (positive or negative)?			
Person:		Company:	XTO
No			
Additional Comments			
Did not process water today. All tanks are full. Poseidon tank under repair with 2 leaks So complete repairs 8/31/12. Mr. Jackson advised we should be able to start cleaning water on Friday 31st Day Of August 2012, sometime that evening.			

Appendix B
Table B-2

Date: 8/31/2012		Report Number: 82	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 12:00:00PM am/pm	
Location: Nash 29		Shift Offsite Time: 0:00 am/pm	
Site Contact: Bo Jackson		12 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Processing Water	
Processing Hrs Today: 10 hrs		Cumulative Processing Hrs: 318 hrs	
BBLs Processed Today: 5,125 bbls		Cumulative BBLs Processed: 138,705 bbls	
BBLs/Hr Processed: 512.5		Cumulative BBLs/Hr Processed: 436.2 bbl/hr	
Lead Supervisor: Sammy Dean	Readings:	flow back	Volts/Amps
Lead Operator: Chris Perry	14:00		110
Crew: Reginald White	16:00		110
	18:00		110
	20:00		110
	22:00		110
	N/A		N/A
Visitors: Bo Jackson	Chemical	Usage	Start Inv.
Visitors:	HCL Acid	0	4,550
Visitors:	Sodium Hydroxide	0	2,080
Were there any abnormal operational issues onsite?			
No			
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
No			
Additional Comments			
Poseidon tank has been repaired. We started running water today, there are no issues at this time. We will run through out the night or till dirty tanks level is down to 4 inches.			

Table B-2

XTO Energy Nash Unit #29 C-144 Closure

Appendix B
Table B-2

Date:	9/2/2012			
Report Number:	84			
Unit Number:	8			
Client:	XTO			
Location:	Nash 29			
Site Contact:	Bo Jackson			
Site Contact:	Sammy Dean			
Shift Onsite Time:	6:00:00AM	am/pm		
Shift Offsite Time:	18:00	am/pm		
	12 hrs	Total hrs.		
Present Onsite Activities:	Processing Water			
Processing Hrs Today:	8 hrs			
BBLS Processed Today:	4,483 bbls			
BBLS/Hr Processed:	512.5			
Cumulative Processing Hrs:	335 hrs			
Cumulative BBLS Processed:	138,063 bbls			
Cumulative BBLS/Hr Processed:	412.1 bbl/hr			
Lead Supervisor:	Sammy Dean			
Lead Operator:	Kenneth Erler			
Crew:	Fermin Valdez			
Visitors:	Bo Jackson			
Visitors:				
Visitors:				
Readings:	flow back	Volts/Amps	pH	Turbidity
08:00		108	7.56	1.15
10:00		108	7.35	1.12
12:00		108	7.89	1.37
14:00		108	7.46	1.24
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
Were there any abnormal operational issues onsite?				
No				
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
No				
Additional Comments				

Keep losing power. Going to try and run till we are down to 4".

Table B-2

Date:	9/3/2012	Report Number:	85			
		Unit Number:	8			
Client:	XTO	Shift Onsite Time:	6:00:00AM am/pm			
Location:	Nash 29	Shift Offsite Time:	19:00 am/pm			
Site Contact:	Bo Jackson		11 hrs Total hrs.			
Site Contact:	Sammy Dean	Present Onsite Activities:	Processing Water			
Processing Hrs Today:	6 hrs	Cumulative Processing Hrs:	341 hrs			
BBLs Processed Today:	4,394 bbls	Cumulative BBLs Processed:	137,974 bbls			
BBLs/Hr Processed:	512.5	Cumulative BBLs/Hr Processed:	404.6 bbl/hr			
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	pH	Turbidity
Lead Operator:	Kenneth Erler	08:00		108	6.86	0.886
Crew:	Fermin Valdez	10:00		108	6.9	0.965
	Eddie MrGruder	12:00		108	7.54	1.116
	Ray Lee	14:00		108	7.68	1.24
		16:00:00 PM		108	7.43	1.032
Visitors:	Bo Jackson	Chemical	Usage	Start Inv.	End Inv.	On Order
Visitors:		HCl Acid	0	3,500	3,200	No
Visitors:		Sodium Hydroxide	0	1,200	900	Yes
Were there any abnormal operational issues onsite?						
No						
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		
No						
Additional Comments						

Appendix B
Table B-2

Date: 9/4/2012		Report Number: 86	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00:00AM am/pm	
Location: Nash 29		Shift Offsite Time: 18:00 am/pm	
Site Contact: Bo Jackson		12 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Processing Water	
Processing Hrs Today: 9 hrs		Cumulative Processing Hrs: 350 hrs	
BBLs Processed Today: 4,844 bbls		Cumulative BBLs Processed: 138,424 bbls	
BBLs/Hr Processed: 512.5		Cumulative BBLs/Hr Processed: 395.5 bbl/hr	
Lead Supervisor: Sammy Dean	Readings:	flow back	Volts/Amps
Lead Operator: Kenneth Erler	08:00		108
Crew: Fermin Valdez	10:00		108
	12:00		108
	14:00		108
	16:00:00 PM		108
Visitors: Bo Jackson	Chemical	Usage	Start Inv.
Visitors:	HcL Acid	0	3,200
Visitors:	Sodium Hydroxide	0	900
Were there any abnormal operational issues onsite?			
No			
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
No			
Additional Comments			

Appendix B
Table B-2

Date: 9/5/2012		Report Number: 87	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00:00AM am/pm	
Location: Nash 29		Shift Offsite Time: 0:00 am/pm	
Site Contact: Bo Jackson		18 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Processing Water	
Processing Hrs Today: 12 hrs		Cumulative Processing Hrs: 362 hrs	
BBLs Processed Today: 5,113 bbls		Cumulative BBLs Processed: 163,640 bbls	
BBLs/Hr Processed: 512.5		Cumulative BBLs/Hr Processed: 452.0 bbl/hr	
Lead Supervisor:	Sammy Dean	Readings:	flow back
Lead Operator:	Kenneth Erler		Volts/Amps
Crew:	Fermin Valdez	08:00	pH
	Ray Lee	10:00	Turbidity
	Adam Pollard	12:00	
	Eddie McGruder	14:00	
		20:00	
		22:00	
Chemical	Usage	Start Inv.	End Inv.
HCL Acid	0	2,900	2,500
Sodium Hydroxide	0	600	1,425
On Order			
Visitors:	Bo Jackson		
Visitors:			
Visitors:			
Were there any abnormal operational issues onsite?			
No			
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
No			
Additional Comments			
Performed JAS everyone aware of their task for today. Worked on house keeping. Took 4 totes of Caustic from yard. Load of Caustic will arrive tomorrow evening around 1800 hours NMT.			

Appendix B
Table B-2

Date: 9/6/2012		Report Number: 88	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00:00AM am/pm	
Location: Nash 29		Shift Offsite Time: 0:00 am/pm	
Site Contact: Bo Jackson		18 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Processing Water	
Processing Hrs Today: 6 hrs		Cumulative Processing Hrs: 368 hrs	
BBLs Processed Today: 2,786 bbls		Cumulative BBLs Processed: 166,426 bbls	
BBLs/Hr Processed: 512.5		Cumulative BBLs/Hr Processed: 452.2 bbl/hr	
Lead Supervisor:	Sammy Dean	Readings:	flow back Volts/Amps pH Turbidity
Lead Operator:	Kenneth Erler	08:00	108 7.21 0.897
Crew	Fermin Valdez	10:00	108 6.54 0.123
	Ray Lee	12:00	108 7.54 0.998
	Adam Pollard	14:00	
	Eddie McGruder	20:00	
		22:00	
Visitors:	Bo Jackson	Chemical	Usage Start Inv. End Inv. On Order
Visitors:		HCl Acid	0 2,500 2,350 Yes
Visitors:		Sodium Hydroxide	0 1,425 6,200 No
Were there any abnormal operational issues onsite?			
No			
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
No			
Additional Comments			
Caustic arrived to location around 5:00 pm. Brown bear System 1 and system 2 blinded off. Ordered load of acid to be on location on 09-07-2012.			

Appendix B
Table B-2

Date:	9/7/2012	Report Number:	89			
		Unit Number:	8			
Client:	XTO	Shift Onsite Time:	6:00:00AM am/pm			
Location:	Nash 29	Shift Offsite Time:	0:00 am/pm			
Site Contact:	Bo Jackson		18 hrs Total hrs.			
Site Contact:	Sammy Dean	Present Onsite Activities:	Processing Water			
Processing Hrs Today:	12 hrs	Cumulative Processing Hrs:	380 hrs			
BBLs Processed Today:	6,480 bbls	Cumulative BBLs Processed:	172,906 bbls			
BBLs/Hr Processed:	512.5	Cumulative BBLs/Hr Processed:	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 Order
		HCl Acid	0	2,350	1,900	Yes
		Sodium Hydroxide	0	6,200	5,800	No
Visitors:	Bo Jackson					
Visitors:						
Visitors:						
Were there any abnormal operational issues onsite?						
Brown bear went down, went to Odessa picked up another unit.						
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		
No						
Additional Comments						
Went to Odessa and picked up another Brown Bear Unit. Acid did not show up PO was never create. Acid will be on location at 0800 hours on 09-07-2012. XTO is hauling in fresh water for this Frac Job.						

Appendix B
Table B-2

Date: 9/8/2012		Report Number: 90	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00:00AM am/pm	
Location: Nash 29		Shift Offsite Time: 0:00 am/pm	
Site Contact: Bo Jackson		18 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Processing Water	
Processing Hrs Today: 16 hrs		Cumulative Processing Hrs: 396 hrs	
BBLs Processed Today: 6,480 bbls		Cumulative BBLs Processed: 179,386 bbls	
BBLs/Hr Processed: 512.5		Cumulative BBLs/Hr Processed: 453.0 bbl/hr	
Lead Supervisor:	Sammy Dean	Readings:	flow back Volts/Amps pH Turbidity
Lead Operator:	Kenneth 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
	Adam Pollard	16:00	108 7.32 0.785
	Eddie McGruder	18:00	108 7.43 0.975
		20:00	108 7.5 1.189
		22:00	108 7.25 1.115
		Chemical	Usage Start Inv. End Inv. On Order
		HCl Acid	0 6,400 6,000 NO
		Sodium Hydroxide	0 5,800 5,550 No
Visitors:	Bo Jackson		
Visitors:			
Visitors:			
Were there any abnormal operational issues onsite?			
No			
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
No			
Additional Comments			
Peformed JSA, started raining throughout the night. Posidon Tank is filled for next Frac.			

Appendix B
Table B-2

Date: 9/9/2012		Report Number: 91	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00:00AM am/pm	
Location: Nash 29		Shift Offsite Time: 18:00 am/pm	
Site Contact: Bo Jackson		12 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Processing Water	
Processing Hrs Today: 3 hrs		Cumulative Processing Hrs: 399 hrs	
BBLs Processed Today: 1,230 bbls		Cumulative BBLs Processed: 180,616 bbls	
BBLs/Hr Processed: 512.5		Cumulative BBLs/Hr Processed: 452.7 bbl/hr	
Lead Supervisor: Sammy Dean	Readings:	flow back	Volts/Amps
Lead Operator: Kenneth Erler	10:00		108
Crew: Eddie McGruder	12:00		108
Ray Lee	13:00		108
Adam Pollard	16:00		N/A
	18:00		N/A
	20:00		N/A
Visitors: Bo Jackson	Chemical	Usage	Start Inv.
Visitors:	Hcl Acid	0	6,000
Visitors:	Sodium Hydroxide	0	5,550
Were there any abnormal operational issues onsite?			
No			
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
No			
Additional Comments:			
Performed JSA, filled holding tanks. Did maintenance and house keeping on units.			

Table B-2

Date:	9/10/2012	Report Number:	92	
		Unit Number:	8	
Client:	XTO	Shift Onsite Time:	6:00:00AM am/pm	
Location:	Nash 49	Shift Offsite Time:	18:00 am/pm	
Site Contact:	Bo Jackson		12 hrs Total hrs.	
Site Contact:	Sammy Dean	Present Onsite Activities:	Processing Water	
Processing Hrs Today:	4 hrs	Cumulative Processing Hrs:	403 hrs	
BBLs Processed Today:	2,277 bbls	Cumulative BBLs Processed:	182,893 bbls	
BBLs/Hr Processed:	512.5	Cumulative BBLs/Hr Processed:	453.8 bbl/hr	
Lead Supervisor:	Sammy Dean	Readings:	flow back	
Lead Operator:	Kenneth Erler		Volts/Amps	
Crew:	Eddie McGruder		pH	
	Ray Lee		Turbidity	
	Adam Pollard	10:00	7	0.198
		12:00	110	7.43
		13:00	110	N/A
		16:00	N/A	N/A
		18:00	N/A	N/A
		20:00	N/A	N/A
Visitors:	Bo Jackson	Chemical	Usage	Start Inv.
Visitors:		HCL Acid	0	End Inv.
Visitors:		Sodium Hydroxide	0	On Order
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)?				
Person:		Company:		XTO
Additional Comments				
We have 2 weeks to catch next job, we will need approximately 34,000 lbs.				

Table B-2

Date:	9/11/2012	Report Number:	93			
		Unit Number:	8			
Client:	XTO	Shift Onsite Time:	6:00:00AM am/pm			
Location:	Nash 49	Shift Offsite Time:	1:00 PM am/pm			
Site Contact:	Bo Jackson		5 hrs Total hrs.			
Site Contact:	Sammy Dean	Present Onsite Activities:	Processing Water			
Processing Hrs Today:	1 hrs	Cumulative Processing Hrs:	404 hrs			
BBLs Processed Today:	935 bbls	Cumulative BBLs Processed:	183,828 bbls			
BBLs/Hr Processed:	512.5	Cumulative BBLs/Hr Processed:	455.0 bbl/hr			
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	pH	Turbidity
Lead Operator:	Ray Lee	10:00		110	7	0.198
Crew:	Eddie McGruder	12:00		N/A	N/A	N/A
		13:00		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	5,800	5,750	NO
		Sodium Hydroxide	0	5,250	5,200	No
Visitors:	Bo Jackson					
Visitors:						
Visitors:						
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)?						
Person:		Company:		XTO		
Additional Comments						
Pulled Sludge and cleaned tanks.						

Appendix B
Table B-2

Date:	9/12/2012	Report Number:	94			
		Unit Number:	8			
Client:	XTO	Shift Onsite Time:	6:00:00AM am/pm			
Location:	Nash 49	Shift Offsite Time:	18:00:00 PM am/pm			
Site Contact:	Bo Jackson		12 hrs Total hrs.			
Site Contact:	Sammy Dean	Present Onsite Activities:	Processing Water			
Processing Hrs Today:	6 hrs	Cumulative Processing Hrs:	410 hrs			
BBLs Processed Today:	2,513 bbls	Cumulative BBLs Processed:	186,341 bbls			
BBLs/Hr Processed:	512.5	Cumulative BBLs/Hr Processed:	454.5 bbl/hr			
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	pH	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	Usage	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					
Visitors:						
Visitors:						
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)?						
Person:		Company:		XTO		
Additional Comments						
Performed JSA dkrink plenty of fluid and watch out for each other.						

Appendix B
Table B-2

Date: 9/13/2012		Report Number: 95	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00:00AM am/pm	
Location: Nash 49		Shift Offsite Time: 18:00:00 PM am/pm	
Site Contact: Bo Jackson		12 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Processing Water	
Processing Hrs Today: 6 hrs		Cumulative Processing Hrs: 416 hrs	
BBL'S Processed Today: 2,206 bbls		Cumulative BBL'S Processed: 188,547 bbls	
BBL'S/Hr Processed: 512.5		Cumulative BBL'S/Hr Processed: 453.2 bbl/hr	
Lead Supervisor: Sammy Dean		Readings: flow back Volts/Amps pH Turbidity	
Lead Operator: Ray Lee		10:00 110 6.89 1.785	
Crew: Eddie McGruder		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	
		Chemical Usage 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			
Visitors:			
Visitors:			
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)?			
Person:		Company:	XTO
Additional Comments			
Performed JSA drink plenty of fluid and watch out for each other.			

Appendix B
Table B-2

Date: 9/14/2012		Report Number: 96	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00:00AM am/pm	
Location: Nash 49		Shift Offsite Time: 18:00:00 PM am/pm	
Site Contact: Bo Jackson		12 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Processing Water	
Processing Hrs Today: 6 hrs		Cumulative Processing Hrs: 416 hrs	
BBLs Processed Today: 2,206 bbls		Cumulative BBLs Processed: 188,547 bbls	
BBLs/Hr Processed: 512.5		Cumulative BBLs/Hr Processed: 453.2 bbl/hr	
Lead Supervisor: Sammy Dean		Readings:	
Lead Operator: Adam Pollard		flow back Volts/Amps pH Turbidity	
Crew: Ray Lee		10:00 110 6.89 1.785	
		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	
Visitors: Bo Jackson		Chemical Usage Start Inv. End Inv. On Order	
Visitors:		Hcl Acid 0 5,750 5,500 NO	
Visitors:		Sodium Hydroxide 0 5,200 5,000 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?			
No			
Has client provided any operational feedback (positive or negative)?			
Person:		Company: XTO	
Additional Comments			
Performed JSA drink plenty of fluid and watch out for each other.			

Appendix B
Table B-2

Date: 9/15/2012		Report Number: 97	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00:00AM am/pm	
Location: Nash 49		Shift Offsite Time: 18:00:00 PM am/pm	
Site Contact: Bo Jackson		12 hrs	Total hrs.
Site Contact: Sammy Dean		Present Onsite Activities: Maintenance	
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 416 hrs	
BBLS Processed Today: 0 bbls		Cumulative BBLS Processed: 188,547 bbls	
BBLS/Hr Processed: 512.5		Cumulative BBLS/Hr Processed: 453.2 bbl/hr	
Lead Supervisor:	Sammy Dean	Readings:	flow back
Lead Operator:	Adam Pollard	10:00	Volts/Amps
Crew:	Ray Lee	12:00	pH
		14:00	Turbidity
		16:00	N/A
		18:00	N/A
		20:00	N/A
			N/A
			N/A
			N/A
			N/A
			N/A
Visitors:	Bo Jackson	Chemical	Usage
Visitors:		HcL Acid	Start Inv.
Visitors:		Sodium Hydroxide	End Inv.
			On Order
			NO
			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?			
No			
Has client provided any operational feedback (positive or negative)?			
Person:		Company:	XTO
Additional Comments			
Maintenance and Repair			

Appendix B
Table B-2

Date: 9/16/2012		Report Number: 98	
		Unit Number: 8	
Client: XTO	Shift Onsite Time: 6:00:00AM	am/pm	
Location: Nash 49	Shift Offsite Time: 18:00:00 PM	am/pm	
Site Contact: Bo Jackson	12 hrs	Total hrs.	
Site Contact: Sammy Dean	Present Onsite Activities: Maintenance		
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 416 hrs	
BBLS Processed Today: 0 bbls		Cumulative BBLS Processed: 188,547 bbls	
BBLS/Hr Processed: 512.5		Cumulative BBLS/Hr Processed: 453.2 bbl/hr	
Lead Supervisor: Sammy Dean	Readings:	flow back	Volts/Amps
Lead Operator: Adam Pollard	10:00		N/A
Crew: Ray Lee	12:00		N/A
	14:00		N/A
	16:00		N/A
	18:00		N/A
	20:00		N/A
Visitors: Bo Jackson	Chemical:	Usage	Start Inv.
Visitors:	Hcl Acid	0	5,500
Visitors:	Sodium Hydroxide	0	5,000
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)?			
Person:	Company:	XTO	
XTO pump is down, trying to gravity feed clean water from holding tanks to Poseidon Tank.			
Additional Comments			
Maintenance and Repair Waiting on XTO to tell us to start running again.			

Appendix B
Table B-2

Date: 9/17/2012		Report Number: 99	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00:00AM am/pm	
Location: Nash 49		Shift Offsite Time: 18:00:00 PM am/pm	
Site Contact: Bo Jackson		12 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Maintenance	
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 416 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 188,547 bbls	
BBLs/Hr Processed: 512.5		Cumulative BBLs/Hr Processed: 453.2 bbl/hr	
Lead Supervisor: Sammy Dean		Readings:	
Lead Operator: Eddie McGruder		flow back	
Crew: Ray Lee		Volts/Amps	
		pH	
		Turbidity	
		10:00	
		12:00	
		14:00	
		16:00	
		18:00	
		20:00	
Visitors: Bo Jackson		Chemical	
Visitors:		Usage	
Visitors:		Start Inv.	
		End Inv.	
		On Order	
		HCl Acid 0 5,500 5,500 NO	
		Sodium Hydroxide 0 5,000 5,000 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?			
No			
Has client provided any operational feedback (positive or negative)?			
Person:		Company: XTO	
XTO pump is down, trying to gravity feed clean water from holding tanks to Poseidon Tank.			
Additional Comments			
Maintenance and Repair Waiting on XTO to tell us to start running again.			

Appendix B
Table B-2

Date: 9/18/2012		Report Number: 100	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00:00AM am/pm	
Location: Nash 49		Shift Offsite Time: 18:00:00 PM am/pm	
Site Contact: Bo Jackson		12 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Maintenance	
Processing Hrs Today: 8 hrs		Cumulative Processing Hrs: 424 hrs	
BBLs Processed Today: 3,005 bbls		Cumulative BBLs Processed: 191,552 bbls	
BBLs/Hr Processed: 512.5		Cumulative BBLs/Hr Processed: 451.8 bbl/hr	
Lead Supervisor: Sammy Dean		Readings:	
Lead Operator: Eddie McGruder		flow back:	
Crew: Ray Lee		Volts/Amps:	
		pH:	
		Turbidity:	
		10:00 110 6.89 0.785	
		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	
Visitors: Bo Jackson		Chemical:	
Visitors: Select Services		Usage:	
Visitors:		Start Inv.:	
		End Inv.:	
		On Order:	
		HCl Acid 0 5,500 5,200 NO	
		Sodium Hydroxide 0 5,000 4,750 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?			
No			
Has client provided any operational feedback (positive or negative)?			
Person:		Company: XTO	
Additional Comments:			
Select Services will use teir pump to pump water from holding tanks to Poseidon Tank.			

Appendix B
Table B-2

Date: 9/19/2012		Report Number: 101	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00:00AM am/pm	
Location: Nash 49		Shift Offsite Time: 14:00:00 PM am/pm	
Site Contact: Bo Jackson		8 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Maintenance	
Processing Hrs Today: 3 hrs		Cumulative Processing Hrs: 427 hrs	
BBLs Processed Today: 1,366 bbls		Cumulative BBLs Processed: 192,918 bbls	
BBLs/Hr Processed: 512.5		Cumulative BBLs/Hr Processed: 451.8 bbl/hr	
Lead/Supervisor: Sammy Dean	Readings:	flow back	Volts/Amps
Lead Operator: Eddie McGruder	10:00		110
Crew: Ray Lee	12:00		110
	14:00		110
	16:00		N/A
	18:00		N/A
	20:00		N/A
Visitors: Bo Jackson	Chemical:	Usage	Start Inv.
Visitors: Select Services	Hcl Acid	0	5,200
Visitors: Bo Wells	Sodium Hydroxide	0	4,750
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)?			
Person:		Company:	XTO
Additional Comments			
Select Services will use teir pump to pump water from holding tanks to Poseidon Tank.			

Appendix B
Table B-2

Date: 9/20/2012		Report Number: 102	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00:00AM am/pm	
Location: Nash 49		Shift Offsite Time: 20:00:00 PM am/pm	
Site Contact: Bo Jackson		14 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Maintenance	
Processing Hrs Today: 8 hrs		Cumulative Processing Hrs: 435 hrs	
BBLS Processed Today: 4,476 bbls		Cumulative BBLS Processed: 197,394 bbls	
BBLS/Hr Processed: 512.5		Cumulative BBLS/Hr Processed: 453.8 bbl/hr	
Lead Supervisor: Sammy Dean		Readings:	
Lead Operator: Eddie McGruder		flow back Volts/Amps pH Turbidity	
Crew: Ray Lee		10:00 110 7.78 1.90	
		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	
Visitors: Bo Jackson		Chemical Usage Start Inv. End Inv. On Order	
Visitors: Select Services		HCL Acid 0 5,100 4,800 NO	
Visitors: Bo Wells		Sodium Hydroxide 0 4,700 4,400 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?			
No			
Has client provided any operational feedback (positive or negative)?			
Person:		Company:	XTO
Additional Comments			
JSA performed, did maintenance on units and housekeeping.			

Appendix B
Table B-2

Date: 9/21/2012		Report Number: 103	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00:00AM am/pm	
Location: Nash 49		Shift Offsite Time: 20:00:00 PM am/pm	
Site Contact: Bo Jackson		14 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Maintenance	
Processing Hrs Today: 2 hrs		Cumulative Processing Hrs: 437 hrs	
BBLs Processed Today: 1,967 bbls		Cumulative BBLs Processed: 199,361 bbls	
BBLs/Hr Processed: 512.5		Cumulative BBLs/Hr Processed: 456.2 bbl/hr	
Lead Supervisor: Sammy Dean	Readings:	flow back	Volts/Amps
Lead Operator: Eddie McGruder	10:00		110
Crew: Ray Lee	12:00		N/A
Christopher Perry	14:00		N/A
	16:00		N/A
	18:00		N/A
	20:00		N/A
Visitors: Bo Jackson	Chemical	Usage	Start Inv.
Visitors: Select Services	HcL Acid	0	4,800
Visitors: Bo Wells	Sodium Hydroxide	0	4,400
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)?			
Person:		Company:	XTO
Additional Comments			
JSA performed, did maintenance on units and housekeeping.			

Table B-2

Date: 9/22/2012		Report Number: 104	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00:00AM am/pm	
Location: Nash 49		Shift Offsite Time: 12:00 PM am/pm	
Site Contact: Bo Jackson		14 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Maintenance	
Processing Hrs Today: 4 hrs		Cumulative Processing Hrs: 441 hrs	
BBLS Processed Today: 2,982 bbls		Cumulative BBLS Processed: 202,343 bbls	
BBLS/Hr Processed: 512.5		Cumulative BBLS/Hr Processed: 458.8 bbl/hr	
Lead Supervisor: Sammy Dean		Readings: flow back Volts/Amps pH Turbidity	
Lead Operator: Eddie McGruder		10:00 110 6.84 1.67	
Crew: Ray Lee		12:00 110 7.35 1.02	
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	
Visitors: Bo Jackson		Chemical Usage Start Inv. End Inv. On Order	
Visitors: Select Services		Hcl Acid 0 4,750 4,600 NO	
Visitors: Bo Wells		Sodium Hydroxide 0 4,350 4,200 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? No			
Has client provided any operational feedback (positive or negative)?			
Person:		Company: XTO	
Additional Comments			
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.			

Appendix B
Table B-2

Date: 9/23/2012		Report Number: 105	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00:00AM am/pm	
Location: Nash 49		Shift Offsite Time: 12:00 PM am/pm	
Site Contact: Bo Jackson		14 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Maintenance	
Processing Hrs Today: 2 hrs		Cumulative Processing Hrs: 443 hrs	
BBLs Processed Today: 1,441 bbls		Cumulative BBLs Processed: 203,784 bbls	
BBLs/Hr Processed: 512.5		Cumulative BBLs/Hr Processed: 460.0 bbl/hr	
Lead Supervisor:	Sammy Dean	Readings:	flow back Volts/Amps pH Turbidity
Lead Operator:	Eddie McGruder	10:00	110 6.79 1.91
Crew:	Ray Lee	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
Visitors:	Bo Jackson	Chemical	Usage Start Inv. End Inv. On Order
Visitors:	Select Services	Hcl Acid	0 4,600 4,500 NO
Visitors:	Bo Wells	Sodium Hydroxide	0 4,200 4,100 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?			
No			
Has client provided any operational feedback (positive or negative)?			
Person:		Company:	XTO
Additional Comments			
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.			

Appendix B
Table B-2

Date: 9/24/2012		Report Number: 106	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00:00AM am/pm	
Location: Nash 49		Shift Offsite Time: 12:00 PM am/pm	
Site Contact: Bo Jackson		14 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Process Water/Maintenance	
Processing Hrs Today: 2 hrs		Cumulative Processing Hrs: 445 hrs	
BBLs Processed Today: 1,156 bbls		Cumulative BBLs Processed: 204,940 bbls	
BBLs/Hr Processed: 512.5		Cumulative BBLs/Hr Processed: 460.5 bbl/hr	
Lead Supervisor: Sammy Dean		Readings:	
Lead Operator: Eddie McGruder		flow back	Volts/Amps
Crew: Ray Lee		10:00	pH
Christopher Perry		12:00	Turbidity
Reginald White		14:00	
		16:00	
		18:00	
		20:00	
Visitors: Bo Jackson		Chemical	Usage
Visitors: Select Services		HcL Acid	Start Inv.
Visitors: Bo Wells		Sodium Hydroxide	End Inv.
			On Order
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)?			
Person:		Company:	XTO
Additional Comments			
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.			

Appendix B
Table B-2

Date: 9/25/2012		Report Number: 107	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00:00AM am/pm	
Location: Nash 49		Shift Offsite Time: 12:00 PM am/pm	
Site Contact: Bo Jackson		6 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Maintenance	
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 445 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 204,940 bbls	
BBLs/Hr Processed: 512.5		Cumulative BBLs/Hr Processed: 460.5 bbl/hr	
Lead Supervisor: Sammy Dean	Readings:	flow back	Volts/Amps
Lead Operator: Eddie McGruder	10:00		N/A
Crew: Ray Lee	12:00		N/A
Christopher Perry	14:00		N/A
Reginald White	16:00		N/A
	18:00		N/A
	20:00		N/A
Visitors: Bo Jackson	Chemical	Usage	Start Inv.
Visitors: Select Services	HcL Acid	0	4,450
Visitors: Bo Wells	Sodium Hydroxide	0	4,050
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)?			
Person:		Company:	XTO
Additional Comments			
JSA performed, did maintenance on units and housekeeping.			

Appendix B
Table B-2

Date: 9/26/2012		Report Number: 108	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00:00AM am/pm	
Location: Nash 49		Shift Offsite Time: 12:00 PM am/pm	
Site Contact: Bo Jackson		6 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite/Activities: Process Water/Maintenance	
Processing Hrs Today: 4 hrs		Cumulative Processing Hrs: 449 hrs	
BBLs Processed Today: 2,970 bbls		Cumulative BBLs Processed: 207,910 bbls	
BBLs/Hr Processed: 512.5		Cumulative BBLs/Hr Processed: 463.1 bbl/hr	
Lead Supervisor: Sammy Dean	Readings:	flow back	Volts/Amps
Lead Operator: Eddie McGruder	10:00		110
Crew: Ray Lee	12:00		110
Christopher Perry	14:00		N/A
Reginald White	16:00		N/A
	18:00		N/A
	20:00		N/A
Visitors: Bo Jackson	Chemical	Usage	Start Inv.
Visitors: Select Services	Hcl Acid	0	4,450
Visitors: Bo Wells	Sodium Hydroxide	0	4,050
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)?			
Person:		Company:	XTO
Additional Comments			
JSA performed, did maintenance on units and housekeeping. Process Water waiting on select to transfer water from holding tanks to Poseidon Tank.			

Appendix B
Table B-2

Date:	9/27/2012	Report Number:	109			
		Unit Number:	8			
Client:	XTO	Shift Onsite Time:	6:00:00AM	am/pm		
Location:	Nash 49	Shift Offsite Time:	12:00 PM	am/pm		
Site Contact:	Bo Jackson		6 hrs	Total hrs.		
Site Contact:	Sammy Dean	Present Onsite Activities:	Process Water/Maintenance			
Processing Hrs Today:	2 hrs	Cumulative Processing Hrs:	451 hrs			
BBLs Processed Today:	1,045 bbls	Cumulative BBLs Processed:	208,955 bbls			
BBLs/Hr Processed:	512.5	Cumulative BBLs/Hr Processed:	463.3 bbl/hr			
Lead Supervisor:	Sammy Dean	Readings:	flow back	Volts/Amps	pH	Turbidity
Lead Operator:	Eddie McGruder	10:00		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
Visitors:	Bo Jackson	Chemical	Usage	Start Inv.	End Inv.	On Order
Visitors:	Select Services	HCL Acid	0	4,200	4,100	NO
Visitors:	Bo Wells	Sodium Hydroxide	0	3,800	3,700	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?						
No						
Has client provided any operational feedback (positive or negative)?						
Person:		Company:			XTO	
Additional Comments:						
JSA performed, did maintenance on units and housekeeping. Process Water waiting on select to transfer water from holding tanks to Poseidon Tank.Filled up Poseidon Tank Frac Job started today have enough water for job.						

Appendix B
Table B-2

Date: 9/28/2012		Report Number: 110	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00:00AM am/pm	
Location: Nash 49		Shift Offsite Time: 12:00 PM am/pm	
Site Contact: Bo Jackson		6 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Maintenance	
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 451 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 208,955 bbls	
BBLs/Hr Processed: 512.5		Cumulative BBLs/Hr Processed: 463.3 bbl/hr	
Lead Supervisor: Sammy Dean	Readings:	flow back	Volts/Amps
Lead Operator: Eddie McGruder	10:00		N/A
Crew: Ray Lee	12:00		N/A
Christopher Perry	14:00		N/A
Reginald White	16:00		N/A
	18:00		N/A
	20:00		N/A
Visitors: Bo Jackson	Chemical	Usage	Start Inv.
Visitors: Select Services	HCL Acid	0	4,100
Visitors: Bo Wells	Sodium Hydroxide	0	3,700
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)?			
Person:		Company:	XTO
Additional Comments			
JSA Performed waiting on XTO to schedule the sludge pull. House cleaning working on units.			

Appendix B
Table B-2

Date: 9/29/2012		Report Number: 111	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00:00AM am/pm	
Location: Nash 49		Shift Offsite Time: 12:00 PM am/pm	
Site Contact: Bo Jackson		6 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Maintenance	
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 451 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 208,955 bbls	
BBLs/Hr Processed: 512.5		Cumulative BBLs/Hr Processed: 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
		18:00	N/A N/A N/A
		20:00	N/A N/A N/A
Visitors:	Bo Jackson	Chemical	Usage Start Inv. End Inv. On Order
Visitors:	Select Services	Hcl Acid	0 4,100 4,100 NO
Visitors:	Bo Wells	Sodium Hydroxide	0 3,700 3,700 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?			
No			
Has client provided any operational feedback (positive or negative)?			
Person:		Company:	XTO
Additional Comments			
JSA Performed waiting on XTO to schedule the sludge pull. House cleaning working on units.			

Appendix B
Table B-2

Date: 9/30/2012		Report Number: 112	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00:00AM am/pm	
Location: Nash 49		Shift Offsite Time: 12:00 PM am/pm	
Site Contact: Bo Jackson		6 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Maintenance	
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 451 hrs	
BBLS Processed Today: 0 bbls		Cumulative BBLS Processed: 208,955 bbls	
BBLS/Hr Processed: 512.5		Cumulative BBLS/Hr Processed: 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 N/A
Crew:	Ray Lee	12:00	N/A N/A N/A N/A
	Christopher Perry	14:00	N/A N/A N/A N/A
	Reginald White	16:00	N/A N/A N/A N/A
		18:00	N/A N/A N/A N/A
		20:00	N/A 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		
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)?			
Person:		Company:	XTO
Additional Comments			
JSA Performed waiting on XTO to schedule the sludge pull. House cleaning working on units.			

Appendix B
Table B-2

Date: 10/1/2012		Report Number: 113	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00:00AM am/pm	
Location: Nash 49		Shift Offsite Time: 12:00 PM am/pm	
Site Contact: Bo Jackson		6 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Maintenance	
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 451 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 208,955 bbls	
BBLs/Hr Processed: 512.5		Cumulative BBLs/Hr Processed: 463.3 bbl/hr	
Lead Supervisor: Sammy Dean	Readings:	flow/back	Volts/Amps
Lead Operator: Christopher Perry	10:00		N/A
Crew: Reginald White	12:00		N/A
	14:00		N/A
	16:00		N/A
	18:00		N/A
	20:00		N/A
	Chemical	Usage	Start Inv.
	HCl Acid	0	4,100
	Sodium Hydroxide	0	3,700
Visitors: Bo Jackson			
Visitors: Select Services			
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			
Has client provided any operational feedback (positive or negative)?			
Person:		Company:	XTO
Additional Comments			
JSA performed Started sludge pull today did not finished. Will continue pulling sludge on Tuesday 10/02/2012. Bo Jackson will get an electrician out on location tomorrow to unplugged all the electricity.			

Appendix B
Table B-2

Date: 10/5/2012		Report Number: 114	
		Unit Number: 8	
Client: XTO		Shift Onsite Time: 6:00:00AM am/pm	
Location: Nash 49		Shift Offsite Time: 12:00 PM am/pm	
Site Contact: Bo Jackson		6 hrs Total hrs.	
Site Contact: Sammy Dean		Present Onsite Activities: Rig Down	
Rig down units			
Processing Hrs Today: 0 hrs		Cumulative Processing Hrs: 0 hrs	
BBLs Processed Today: 0 bbls		Cumulative BBLs Processed: 208,955 bbls	
BBLs/Hr Processed: 512.5		Cumulative BBLs/Hr Processed: #DIV/0!	
Lead Supervisor: Sammy Dean		Readings:	
Lead Operator: Christopher Perry		flow back Volts/Amps pH Turbidity	
Crew: Reginald White		10:00 N/A N/A N/A	
		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	
Visitors: Bo Jackson		Chemical Usage Start Inv. End Inv. On Order	
Visitors: Robert Rink		Hcl Acid 0 4,100 4,100 NO	
Visitors:		Sodium Hydroxide 0 3,700 3,700 No	
Were there any abnormal operational issues onsite?			
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?			
Operation completed			
Has client provided any operational feedback (positive or negative)?			
Person:		Company: XTO	
Additional Comments			
Operation Completed. Rig down Equipment			

APPENDIX C

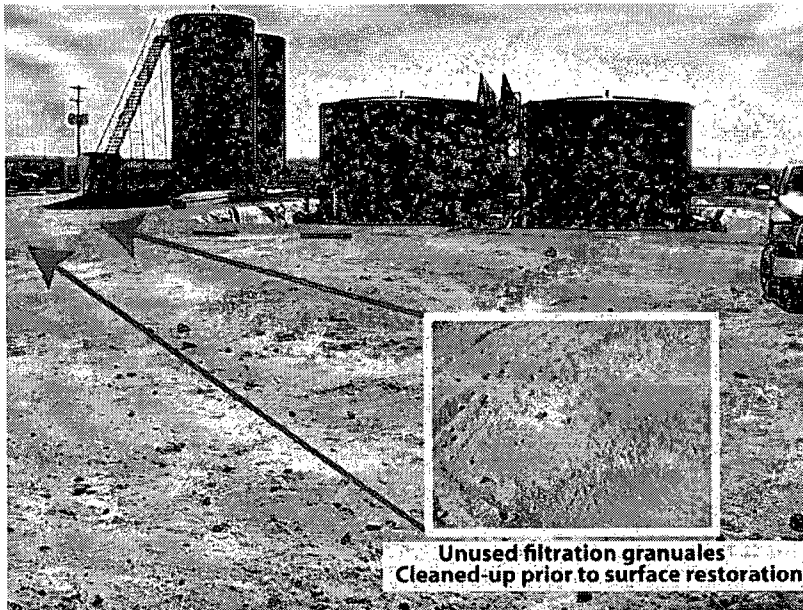


Figure 1:
Photograph of
filtration granules
used in the
CleanWave
system. The
granules were
cleaned-up prior
to surface
restoration.



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.

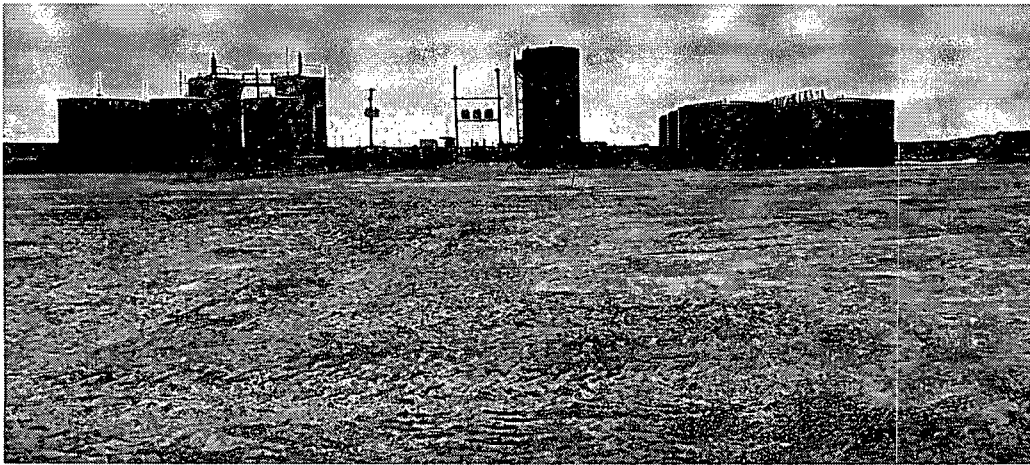


Figure 4: Location graded to pre-existing conditions. Nash Unit #4 is at left; Nash Unit #53SWD at right. Photograph is viewing south.