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# **XTO ENERGY INC EBUSINESS**

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**Apache Canyon 01-04**

**Las Animas County , Colorado**

**Cement via Annulus**

**21-Jun-2011**

**Job Site Documents**

## The Road to Excellence Starts with Safety

Sold To #: 353810	Ship To #: 2857663	Quote #:	Sales Order #: 8264513
Customer: XTO ENERGY INC EBUSINESS		Customer Rep: Bernal, Brandon	
Well Name: Apache Canyon		Well #: 01-04	API/UWI #:
Field:	City (SAP): TRINIDAD	County/Parish: Las Animas	State: Colorado
Contractor: Pense Drilling		Rig/Platform Name/Num: 19	
Job Purpose: Cement via Annulus			
Well Type: Development Well		Job Type: Cement via Annulus	
Sales Person: THEIS, MATTHEW		Srvc Supervisor: SIPNEFSKI, ROBERT	MBU ID Emp #: 419391

## Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
GIBBS, JASON Edwin	5.0	300487	HALE, ROBERT E	5.0	470588	SIPNEFSKI, ROBERT Anthony	5.0	419391
SNYDER, JONATHAN Leroy	5.0	435616						

## Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
1138223	42 mile	10025030	42 mile	10824253	42 mile	10951208	42 mile

## Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
TOTAL	Total is the sum of each column separately							

## Job

Formation Name	Formation Depth (MD) Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Water Depth	Perforation Depth (MD) From	To
			BHST	818. ft	818. ft			
						Wk Ht Above Floor		

## Job Times

Date	Time	Time Zone
21 - Jun - 2011	10:00	MST
21 - Jun - 2011	11:00	MST
21 - Jun - 2011	15:00	MST
21 - Jun - 2011	15:30	MST
21 - Jun - 2011	16:00	MST

## Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbf/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
11" Openhole				11.				43.	818.		
8 5/8" Surface Casing	Unknown		8.625	8.097	24.				814.		

## Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

## Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

## Fluid Data

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk

Stage/Plug #: 1



# HALLIBURTON

## Cementing Job Summary

Stage/Plug #: 1													
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk				
1	FRESH WATER		2.00	bbl	8.33	.0	.0	.0					
2	Trinidad Surface Blend	TRINIDAD SURFACE BLEND - SBM (137081)	93.0	sacks	12.0	1.89	9.96	4.0	79.96				
	0.125 lbm	POLY-E-FLAKE (101216940)											
	2 %	CAL-SEAL 60, 50 LB BAG (101217146)											
	2 %	ECONOLITE (100001580)											
	5 lbm	GILSONITE, 50 LB BAG (100001618)											
	0.2 %	VERSASET, 55 LB SK (101376573)											
	6 %	SALT, 100 LB BAG (100003652)											
	7.76 Gal	FRESH WATER											
3	DISPLACEMENT		2.00	bbl	8.33	.0	.0	.0					
Calculated Values		Pressures		Volumes									
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad					
Top Of Cement		5 Min		Cement Returns 4 bbl		Actual Displacement		Treatment					
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job					
Rates													
Circulating		Mixing		Displacement		Avg. Job							
Cement Left In Pipe		Amount	0 ft	Reason	Shoe Joint								
Frac Ring # 1 @		ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID					
The Information Stated Herein Is Correct				Customer Representative Signature									

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Field:	City (SAP): TRINIDAD	County/Parish: Las Animas	State: Colorado
Legal Description:			
Lat:		Long:	
Contractor: Pense Drilling	Rig/Platform Name/Num: 19		
Job Purpose: Cement via Annulus		Ticket Amount:	
Well Type: Development Well	Job Type: Cement via Annulus		
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Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive at Location from Other Job or Site	06/21/2011 10:30							
Assessment Of Location Safety Meeting	06/21/2011 12:00							
Start Job	06/21/2011 14:57							
Test Lines	06/21/2011 14:57							Test lines to 2000 psi
Pump Spacer 1	06/21/2011 14:59		3	2			1800. 0	Pump H2O spacer
Pump Cement	06/21/2011 15:01		3	35			1500. 0	Mix and Pump 93 sks @ 12.0 #/gal
Shutdown	06/21/2011 15:10							
Pump Displacement	06/21/2011 15:20		3	2			1520. 0	Pump H2O spacer
Other	06/21/2011 15:22						1522. 0	Rig to pull all the way out of the hole.
End Job	06/21/2011 15:25							