

LIBURTON

XTO ENERGY INC EBUSINESS

Apache Canyon 01-04

Las Animas County , Colorado

Cement Surface Casing

07-Jun-2011

Job Site Documents

.IBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold to: 53810	Ship To #: 2857663	Quote #:	Sales Order #: 8225653
Customer: XTO ENERGY INC EBUSINESS		Customer Rep: Coffee, Ron	
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 Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: FLING, MATTHEW		Srv Supervisor: LAVALLEY, LARRY	MBU ID Emp #: 419296

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
AARON, WESLEY J	6	403606	FLYNN, SHAD Michael	6	476484	LAVALLEY, LARRY P	6	419296
OZBUN, RYAN Jacob	6	475709						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10025030	45 mile	10824253C	45 mile	11338223	45 mile	11518549	45 mile
11518550	45 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
6/7/11	6	2						

TOTAL*Total is the sum of each column separately***Job****Job Times**

Formation Name	Formation Depth (MD) Top	Bottom	Called Out	Date	Time	Time Zone
Form Type		BHST	On Location	07 - Jun - 2011	14:00	MST
Job depth MD	785. ft	Job Depth TVD	Job Started	07 - Jun - 2011	18:15	MST
Water Depth		Wk Ht Above Floor	Job Completed	07 - Jun - 2011	19:50	MST
Perforation Depth (MD) From		To	Departed Loc	07 - Jun - 2011	20:30	MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
11" Openhole				11.				50.	785.		
13 3/8" Conductor Casing	Unknown		13.375	12.715	48.				50.		

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
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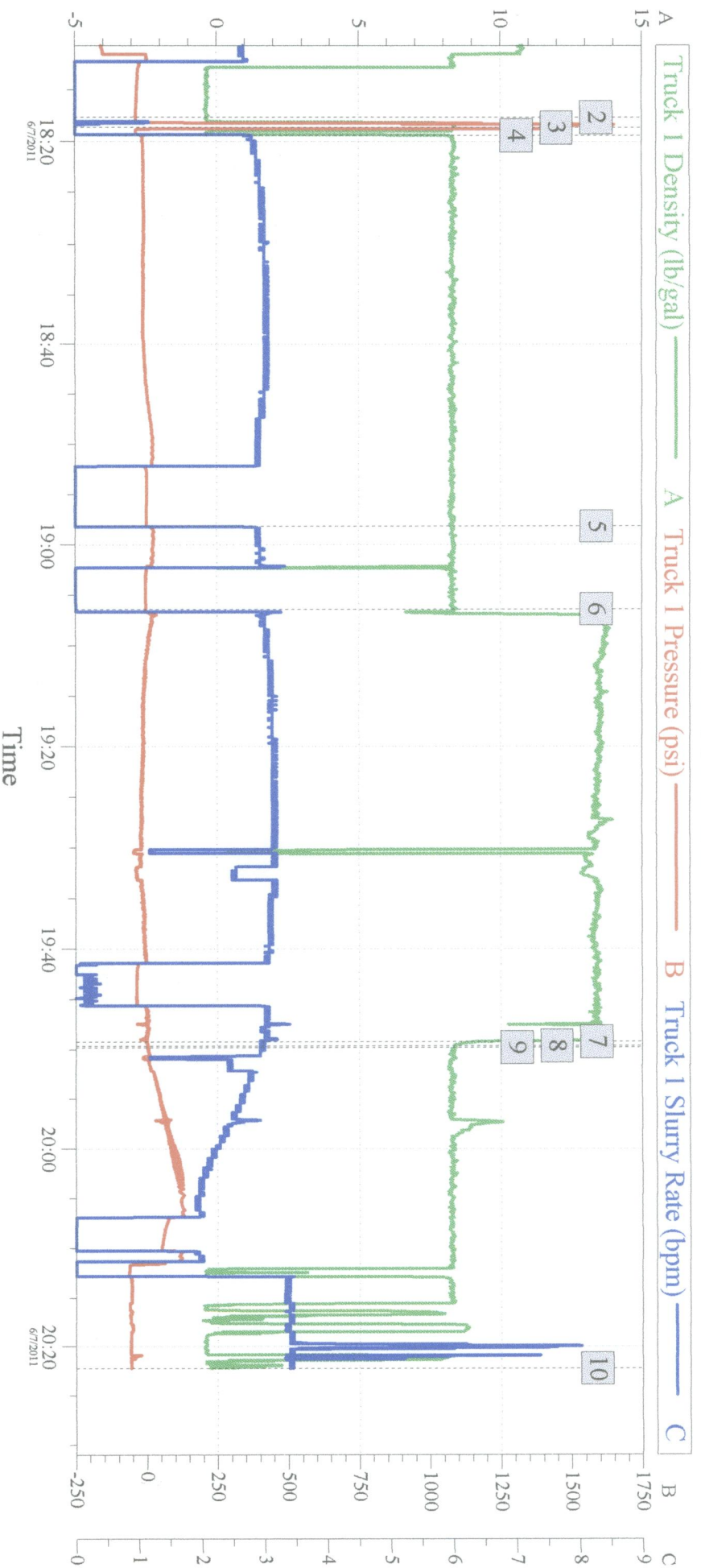
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	FRESH WATER		98.	bbl	8.33	.0	42.0	3.0	
2	Trinidad Surface Blend	TRINIDAD SURFACE BLEND - SBM (137081)	363	sacks	13.5	1.81	8.81	3.0	8.81
	0.125 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)							
	8.81 Gal	FRESH WATER							
3	DISPLACEMENT		51.00	bbl	8.33	.0	42.0	3.0	
Calculated Values		Pressures		Volumes					
Displacement	52	Shut In: Instant		Lost Returns	0	Cement Slurry	117	Pad	
Top Of Cement		5 Min		Cement Returns	15	Actual Displacement	43	Treatment	
Frac Gradient		15 Min		Spacers	108	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing	3	Displacement	3	Avg. Job			3
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 Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: FLING, MATTHEW		Srv Supervisor: LAVALLEY, LARRY	MBU ID Emp #: 419296

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Start Job	06/07/2011 18:17							
Test Lines	06/07/2011 18:18						1471. 0	
Pump Spacer 2	06/07/2011 18:19		3	98			21.0	RIG WATER, IF NO FALLBACK WILL NOT PUMP GEL SPACER
Pump Spacer 1	06/07/2011 18:58		3	10			2.0	GEL SPACER
Pump Lead Cement	06/07/2011 19:06		3	117			.0	SKS TRINIDAD SURFACE BLEND MIXED @ 13.5 PPG
Pump Displacement	06/07/2011 19:49		3	43			85.0	RIG WATER WITH NO ADDITIVES
End Job	06/07/2011 19:49							

XTO APACHE CANYON 01-04 8.375 SURFACE



Global Event Log

Intersection				Intersection			
	TID	TIP	TISR		TID	TIP	TISR
1 Starting Job	18:06:40	2.095	-189.6	2 Start Job	18:17:40	-0.365	-35.59
3 Test Lines	18:18:42	8.390	1471	4 Pump Spacer 1	18:19:28	8.087	-5.932
5 Pump Spacer 2	18:58:10	8.316	2.285	6 Pump Lead Cement	19:06:23	8.404	-2.966
7 Pump Displacement	19:49:13	9.202	0.260	8 Pump Displacement	19:49:38	8.401	3.955
9 End Job	19:49:47	8.424	4.807	10 Ending Job	20:22:15	-0.265	-56.35
			2.944				3.392

Customer:
Well Description:

Job Date: 07-Jun-2011
UWI:

Sales Order #: 8225653

HALLIBURTON
OptiCem v6.4.2
07-Jun-11 20:24