

HALLIBURTON

XTO ENERGY INC EBUSINESS

Apache Canyon 01-04

Las Animas County , Colorado

Cement Conductor Casing

06-Jun-2011

Job Site Documents

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 353810	Ship To #: 2857663	Quote #:	Sales Order #: 8225648
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 Conductor Casing			
Well Type: Development Well	Job Type: Cement Conductor 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	4	403606	FLYNN, SHAD Michael	4	476484	LAVALLEY, LARRY P	4	419296
OZBUN, RYAN Jacob	4	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
6/6/11	4	1						
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	06 - Jun - 2011	09:00	MST
Job depth MD	450. ft		Job Depth TVD	Job Started	06 - Jun - 2011	11:30	MST
Water Depth			Wk Ht Above Floor	Job Completed	06 - Jun - 2011	12:15	MST
Perforation Depth (MD)	From		To	Departed Loc	06 - Jun - 2011	13:00	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
17 1/2" Openhole				11.					43.		
13 3/8" Conductor Casing	Unknown		13.375	12.715	48.				43.		

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		20.00	bbl	8.33	.0	42.0	3.0	
2	Trinidad Surface Blend	TRINIDAD SURFACE BLEND - SBM (137081)	88	sacks	14.	1.66	7.76	3.0	7.76
	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		4	bbl	8.33	.0	42.0	3.0	
Calculated Values		Pressures		Volumes					
Displacement	7	Shut In: Instant		Lost Returns	0	Cement Slurry	25	Pad	
Top Of Cement		5 Min		Cement Returns	20	Actual Displacement	4	Treatment	
Frac Gradient		15 Min		Spacers	40	Load and Breakdown		Total Job	80
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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Cementing Job Log

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Well Name: Apache Canyon	Well #: 01-04	API/UWI #:	
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 Conductor Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Conductor Casing	
Sales Person: FLING, MATTHEW		Srvc 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	06/06/2011 11:30							
Test Lines	06/06/2011 11:39						3317. 0	
Pump Spacer 1	06/06/2011 11:46		3	9			28.0	PUMPED FRESH WATER
Pump Spacer 2	06/06/2011 11:47		3	20			29.0	PUMPED GEL WATER
Pump Cement	06/06/2011 11:54		3	26			1.0	124 SKS TRINIDAD SURFACE CEMENT MIXED @ 14.0 PPG
Pump Displacement	06/06/2011 12:04		3	4			20.0	FRESH WATER
End Job	06/06/2011 12:10							

Sold To #: 353810

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Quote #:

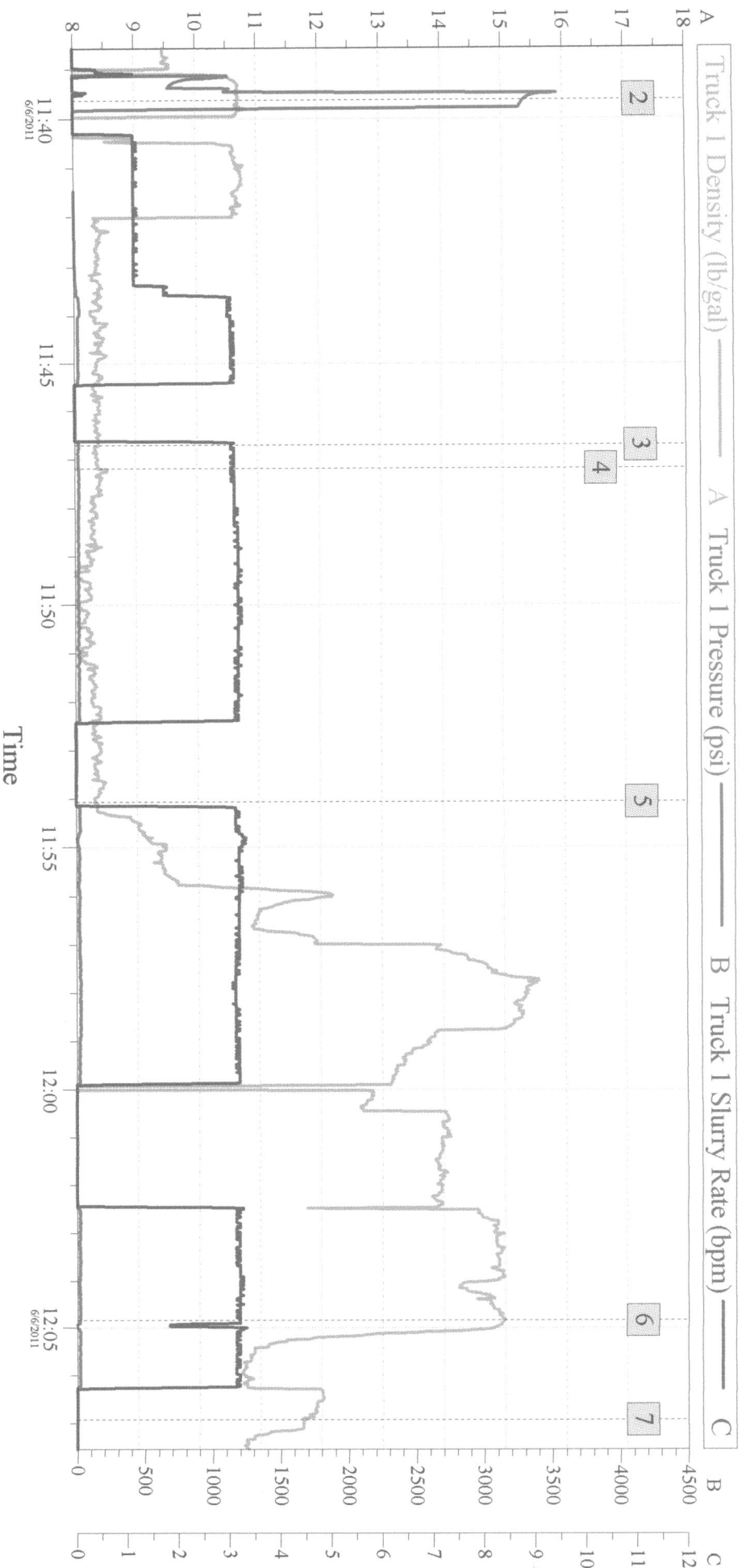
Sales Order #:

8225648

SUMMIT Version: 7.2.27

Monday, June 06, 2011 12:13:00

APACHE CANYON 01-04 13.375 CONDUCTOR



Global Event Log

Intersection		T1P		Intersection		T1P	
1	Starting Job	11:30:44	-229.2	2	Test Lines	11:39:38	3317
3	Fresh Water Spacer	11:46:43	28.38	4	Gel Water Spacer	11:47:12	28.67
5	14.0 ppg Trinidad Conductor Blend	11:54:04	1.094	6	Pump Displacement	12:04:51	20.41
7	End Job	12:06:56	-8.898				

Customer:
Well Description:

Job Date: 06-Jun-2011
UWI:

Sales Order #: 8225648

HALIBURTON
OptiCem v6.4.2
06-Jun-11 12:10