

HALLIBURTON

XTO ENERGY INC EBUSINESS

Apache Canyon 08-14

Las Animas County , Colorado

Cement Surface Casing

04-Jun-2011

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 353810		Ship To #: 2857662		Quote #:		Sales Order #: 8222931	
Customer: XTO ENERGY INC EBUSINESS				Customer Rep: Coffee, Ron			
Well Name: Apache Canyon			Well #: 08-14		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			Srvc 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
AARON, WESLEY J	5	403606	FLYNN, SHAD Michael	5	476484	LAVALLEY, LARRY P	5
OZBUN, RYAN Jacob	5	475709					
Equipment							
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10025030	40 mile	10824253C	40 mile	11338223	40 mile	11518549	40 mile
11518550	40 mile						
Job Hours							
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours
6/4/11	5	3					
TOTAL		Total is the sum of each column separately					
Job				Job Times			
Formation Name				Date		Time	
Formation Depth (MD) Top		Bottom		Called Out		04 - Jun - 2011 08:00	
Form Type		BHST		On Location		04 - Jun - 2011 11:30	
Job depth MD 680.4 ft		Job Depth TVD 680.4 ft		Job Started		04 - Jun - 2011 12:50	
Water Depth		Wk Ht Above Floor 4. ft		Job Completed		04 - Jun - 2011 17:00	
Perforation Depth (MD) From		To		Departed Loc		04 - Jun - 2011 17:30	
Well Data							
Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade
11" Openhole				11.			
8 5/8" Surface Casing	Unknown		8.625	8.097	24.		
Tools and Accessories							
Type	Size	Qty	Make	Depth	Type	Size	Qty
Guide Shoe					Packer		
Float Shoe					Bridge Plug		
Float Collar					Retainer		
Insert Float							
Stage Tool							
Miscellaneous Materials							
Gelling Agt		Conc		Surfactant		Conc	
Treatment Fld		Conc		Inhibitor		Conc	
Fluid Data							
Stage/Plug #: 1							
Fluid #	Stage Type	Fluid Name		Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk

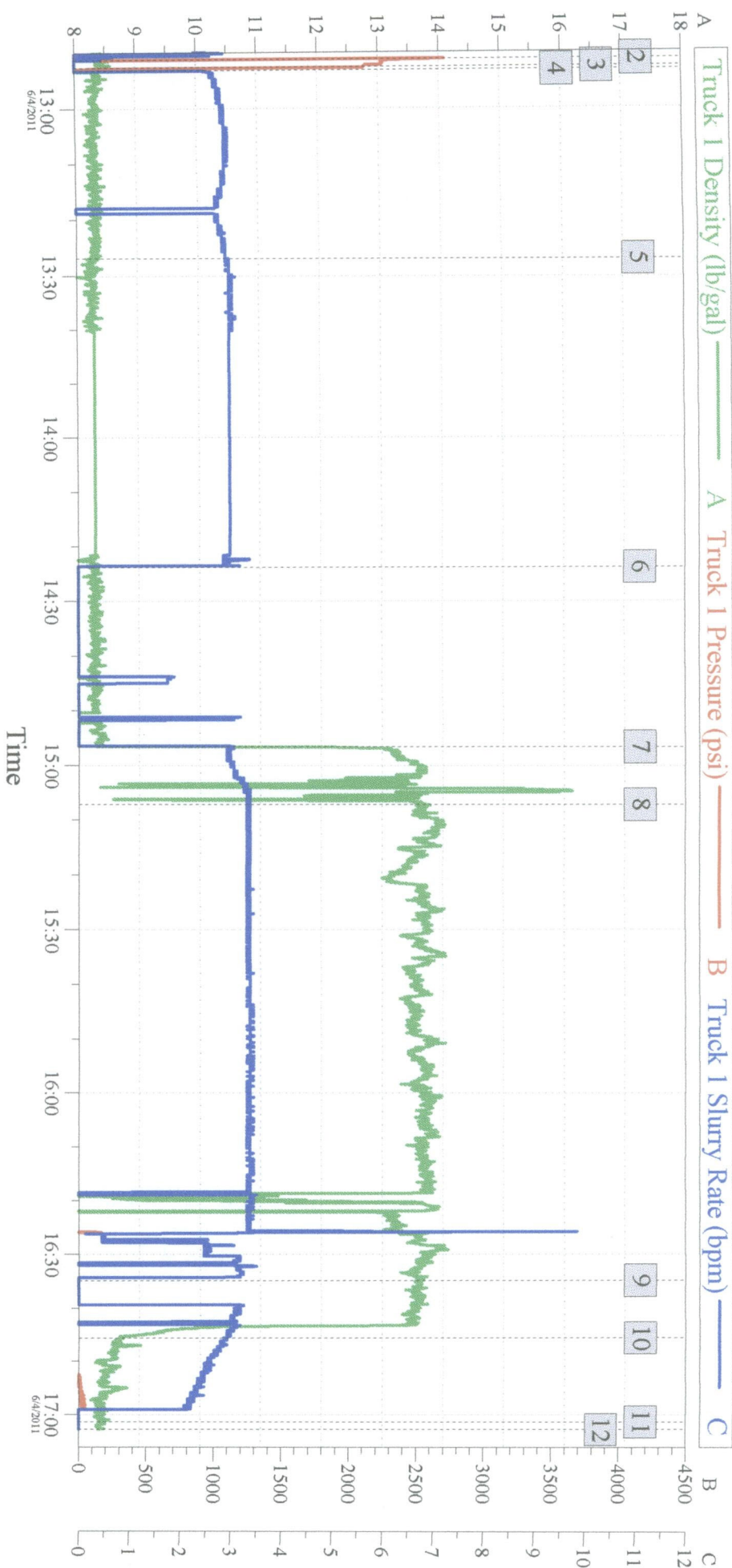
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	FRESH WATER		94.00	bbl	8.33	.0	42.0	3.0	
2	GEL WATER SPACER		114.00	bbl	8.33	.0	42.0	3.0	
3	Trinidad Surface Blend	TRINIDAD SURFACE BLEND - SBM (137081)	270.0	sacks	13.5	1.81	8.84	3.0	8.84
	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)							
	8.838 Gal	FRESH WATER							
4	DISPLACEMENT		40.00	bbl	8.33	.0	42.0	5.0	
Calculated Values		Pressures		Volumes					
Displacement	40	Shut In: Instant		Lost Returns	0	Cement Slurry	87	Pad	
Top Of Cement		5 Min		Cement Returns	40	Actual Displacement	40	Treatment	
Frac Gradient		15 Min		Spacers	208	Load and Breakdown		Total Job	347
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					

The Road to Excellence Starts with Safety

Sold To #: 353810	Ship To #: 2857662	Quote #:	Sales Order #: 8222931
Customer: XTO ENERGY INC EBUSINESS		Customer Rep: Coffee, Ron	
Well Name: Apache Canyon	Well #: 08-14	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 Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface 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	06/04/2011 12:46							
Test Lines	06/04/2011 12:52						2145.0	TESTED LINES WITH RIG WATER
Pump Spacer 1	06/04/2011 12:52		3	93	93		.0	RIG WATER
Pump Spacer 2	06/04/2011 13:26		3	114	207		.0	RIG WATER WITH GEL AND POLYFLAKE LCM PILL
Other	06/04/2011 14:23							SHUTDOWN AND WAITED FOR FALLBACK
Pump Cement	06/04/2011 14:56		3	100	307		.0	TRINIDAD SURFACE BLEND MIXED AT
Other	06/04/2011 16:34							SHUTDOWN AND WAITED FOR FALLBACK
Pump Displacement	06/04/2011 16:45		3	40	347		.0	RIG WATER
End Job	06/04/2011 17:01							

APACHE CANYON 08-14 8.375 SURFACE



Global Event Log

Intersection	TIP	Intersection	TIP	Intersection	TIP
1 Starting Job	12:46:37 -188.6	2 Start Job	12:51:21 2498	3 Test Lines	12:52:39 2145
4 Fresh Water Spacer	12:53:13 -67.64	5 Gel Spacer w/ Poly Flake	13:26:48 -45.37	6 Shutdown	14:23:49 -31.64
7 Pump Cement	14:56:34 -17.81	8 Other	15:07:07 -63.35	9 Shutdown	16:34:51 -119.5
10 Pump Displacement	16:45:37 -62.64	11 End Job	17:01:27 -134.5	12 Ending Job	17:02:49 -135.4

Customer: Job Date: 04-Jun-2011
Well Description: UWI:

Sales Order #: 2