HALLIBURTON

XTO ENERGY INC EBUSINESS

Apache Canyon 2-13

Las Animas County , Colorado

Squeeze Hole in Casing

13-Jun-2012

Job Site Documents

SUMMIT Version: 7.3.0030 Wednesday, June 13, 2012 08:21:00

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 353810	**Ship To #:** 2932451	**Quote #:**	**Sales Order #:** 9586361
Customer: XTO ENERGY INC EBUSINESS		**Customer Rep:** BLATNICK, BILLY	
Well Name: Apache Canyon	**Well #:** 2-13		**API/UWI #:** 05-071-06124
Field:	**City (SAP):** WESTON	**County/Parish:** Las Animas	**State:** Colorado
Job Purpose: Squeeze Hole in Casing			
Well Type: Development Well	**Job Type:** Squeeze Hole in Casing		
Sales Person: AARON, WESLEY	**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	Emp #
FLYNN, SHAD Michael	6	476484	LAVALLEY, LARRY P	6	419296	SEALE, ANDREW W	6	511496

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10248062C	265 mile	11488570C	265 mile	11518549	265 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
6/13/12	6	2						
TOTAL					*Total is the sum of each column separately*			

Job

Formation Name			
Formation Depth (MD)	**Top**	**Bottom**	
Form Type		**BHST**	
Job depth MD	2379. ft	**Job Depth TVD**	2379. ft
Water Depth		**Wk Ht Above Floor**	60. ft
Perforation Depth (MD)	**From**	**To**	

Job Times

	Date	Time	Time Zone
Called Out	12 - Jun - 2012	01:00	MST
On Location	13 - Jun - 2012	07:30	MST
Job Started	13 - Jun - 2012	11:20	MST
Job Completed	13 - Jun - 2012	12:51	MST
Departed Loc	13 - Jun - 2012	01:30	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
5 1/2" Production Casing	Unknown		5.5	4.95	15.5			.	505		
8 5/8" Surface Casing	Unknown		8.625	8.097	24.			.	239.		

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

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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Cementing Job Summary

Stage/Plug #: 1										
1	Fresh Water Spacer		20.00	bbl	8.33	.0	.0	.0		
2	Neat G 15.8#	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)	133.0	sacks	15.8	1.15	5.0		5.0	
94 lbm		CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)								
5 Gal		FRESH WATER								

Calculated Values		Pressures		Volumes					
Displacement	1	Shut In: Instant		Lost Returns		Cement Slurry	24	Pad	
Top Of Cement		5 Min		Cement Returns	4	Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	50

Rates							
Circulating		Mixing	1	Displacement	1	Avg. Job	1

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

The Road to Excellence Starts with Safety

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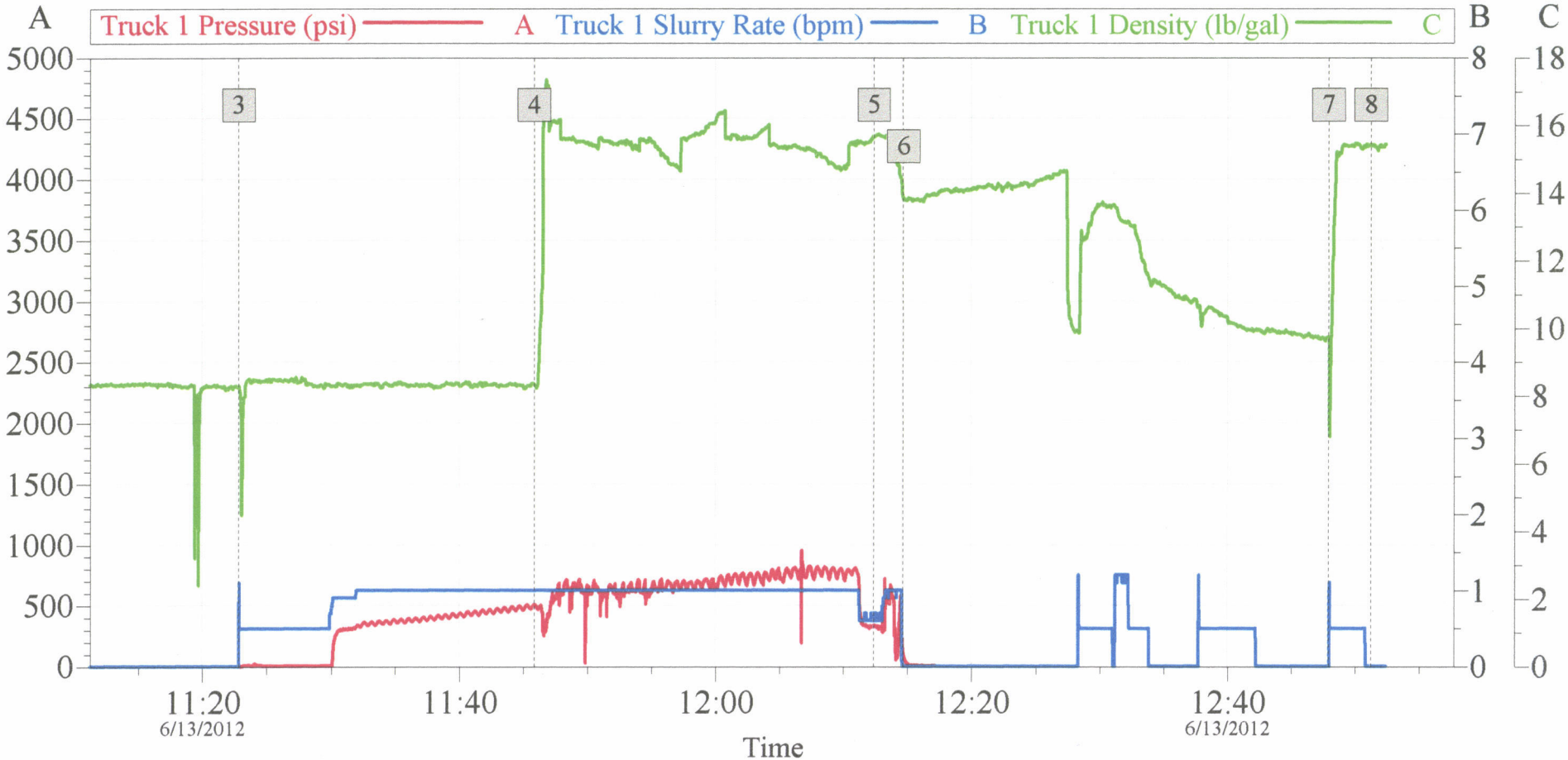
Well Name: Apache Canyon	**Well #:** 2-13		**API/UWI #:** 05-071-06124
Field:	**City (SAP):** WESTON	**County/Parish:** Las Animas	**State:** Colorado
Legal Description:			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		**Long:** E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor:	**Rig/Platform Name/Num:**		
Job Purpose: Squeeze Hole in Casing			**Ticket Amount:**
Well Type: Development Well	**Job Type:** Squeeze Hole in Casing		
Sales Person: AARON, WESLEY	**Srvc Supervisor:** LAVALLEY, LARRY		**MBU ID Emp #:** 419296

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl Stage	Volume bbl Total	Pressure psig Tubing	Pressure psig Casing	Comments
Start Job	06/13/2012 11:22							
Test Lines	06/13/2012 11:22					2000.0		
Pump Spacer 1	06/13/2012 11:22		1	20	20	500.0		RIG WATER WITH NO ADDITIVES
Pump Lead Cement	06/13/2012 11:45		1	24	44	670.0	133	~~112~~ SKS CLASS G NEAT MIXED @ 15.8 PPG
Pump Displacement	06/13/2012 12:12		1	1	45	337.0		RIG WATER WITH NO ADDITIVES
Shutdown	06/13/2012 12:14							RIG PULLED OUT OF HOLE
Other	06/13/2012 12:47		0.5	5	50			TOPPED OFF WITH REMAINDER IN TUB
End Job	06/13/2012 12:51							

XTO ENERGY APACHE CANYON 2-13
SQUEEZE HOLE IN CASING



Global Event Log

	Intersection		T1P	T1SR	T1D		Intersection		T1P	T1SR	T1D
1	Start Job	08:19:50	1.000	0.000	-0.010	2	Starting Job	08:20:10	1.000	0.000	-0.010
3	Pump Spacer 1	11:22:49	-5.000	0.000	8.280	4	Pump Lead Cement	11:45:50	505.7	1.000	8.357
5	Pump Displacement	12:12:21	332.1	0.600	15.66	6	Shutdown	12:14:38	169.2	0.000	13.89
7	Other	12:47:53	-8.000	0.000	9.730	8	End Job	12:51:12	-10.000	0.000	15.42

Customer: XTO ENERGY	Job Date: 13-Jun-2012	Sales Order #: 9586361
Well Description: SQUEEZE HOLE	THANKS LARRY LAVALLEY AND CREW	

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13-Jun-12 12:52