

XTO ENERGY INC EBUSINESS
DO NOT MAIL - 382 ROAD 3100
AZTEC, New Mexico

Apache Canyon 09-08

Pense Drilling 19

Post Job Summary

Cement Multiple Stages

Prepared for:
Date Prepared:
Version: 1

Ron Coffee
7/25/2011

Service Supervisor: Dale Sanford

Submitted by: Wes Aaron

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Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump		Pressure (psig)	Comments
07/09/2011 14:04		Test Lines	0.5				3600.0	
07/09/2011 14:04		Pump Spacer 1	4	25			50.0	20 Water
07/09/2011 14:15		Pump Spacer 1	4	30			50.0	30 Gel Water W/ 1Sk Polyflake
07/09/2011 14:23		Pump Cement	4	45			75.0	110 Sks Cmt @10#
07/09/2011 14:35		Shutdown						
07/09/2011 14:35		Drop Top Plug						
07/09/2011 14:36		Pump Displacement	4	51			50.0	Water
07/09/2011 14:57		Bump Plug						
07/09/2011 15:03		Drop Opening Device For Multiple Stage Cementer						
07/09/2011 15:08		Set Packer					1700.0	Inflate Tool
07/09/2011 15:08		Open Multiple Stage Cementer					1700.0	
07/09/2011 15:09		Pump Spacer 1	4	30			50.0	30 Gel Water W/ 2 Sks Polyflake
07/09/2011 15:17		Pump Cement	4	82			65.0	200 Sks @ 10#
07/09/2011 15:35		Shutdown						12 Bbl Cement off 1st Stage
07/09/2011 15:36		Drop Top Plug						
07/09/2011 15:37		Pump Displacement	4	35.7			300.0	Water
07/09/2011 15:50		Bump Plug					1900.0	20 Bbl Cement off 1st Stage
07/09/2011 15:50		Close Multiple Stage Cementer					1940.0	
07/09/2011 15:54		Check Floats						

The Road to Excellence Starts with Safety

Sold To #: 353810	Ship To #: 2864380	Quote #:	Sales Order #: 8304841
Customer: XTO ENERGY INC EBUSINESS		Customer Rep: Coffee, Ron	
Well Name: Apache Canyon	Well #: 09-08	API/UWI #:	
Field:	City (SAP): TRINIDAD	County/Parish: Las Animas	State: Colorado
Contractor: ??		Rig/Platform Name/Num: ??	
Job Purpose: Cement Multiple Stages			
Well Type: Development Well		Job Type: Cement Multiple Stages	
Sales Person: FLING, MATTHEW	Srvc Supervisor: SANFORD, DALE	MBU ID Emp #: 219527	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BANUELOS, GUADALUPE		372277	BULINSKI, MATTHEW J		483865	PAUMEN, CORD Anthony		453759
Pliness, Ryan		490745	RAMOS, REFUGIO Castro		435413	SANFORD, DALE A		219527

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10025042	250 mile	10720883	250 mile	10824253C	250 mile	11036295	250 mile
11515861C	250 mile	11518550	250 mile	11562570C	250 mile	11645065	250 mile
5707C	250 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

Job Times

Formation Name					Date	Time	Time Zone
Formation Depth (MD)	Top		Bottom		Called Out	09 - Jul - 2011	07:00 MST
Form Type	BHST				On Location	09 - Jul - 2011	10:30 MST
Job depth MD	2186. ft		Job Depth TVD	2186. ft	Job Started	09 - Jul - 2011	14:00 MST
Water Depth	Wk Ht Above Floor				Job Completed	09 - Jul - 2011	16:00 MST
Perforation Depth (MD)	From		To		Departed Loc	09 - Jul - 2011	17:00 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
7 7/8 Openhole				7.875				813.	2210.		
Multiple Stage Cementer	Unknown							.	1500.		
5 1/2" Production Casing	Unknown		5.5	4.95	15.5		J-55	.	2186.		
8 5/8" Surface Casing	Unknown		8.625	8.097	24.		J-55	.	537.		

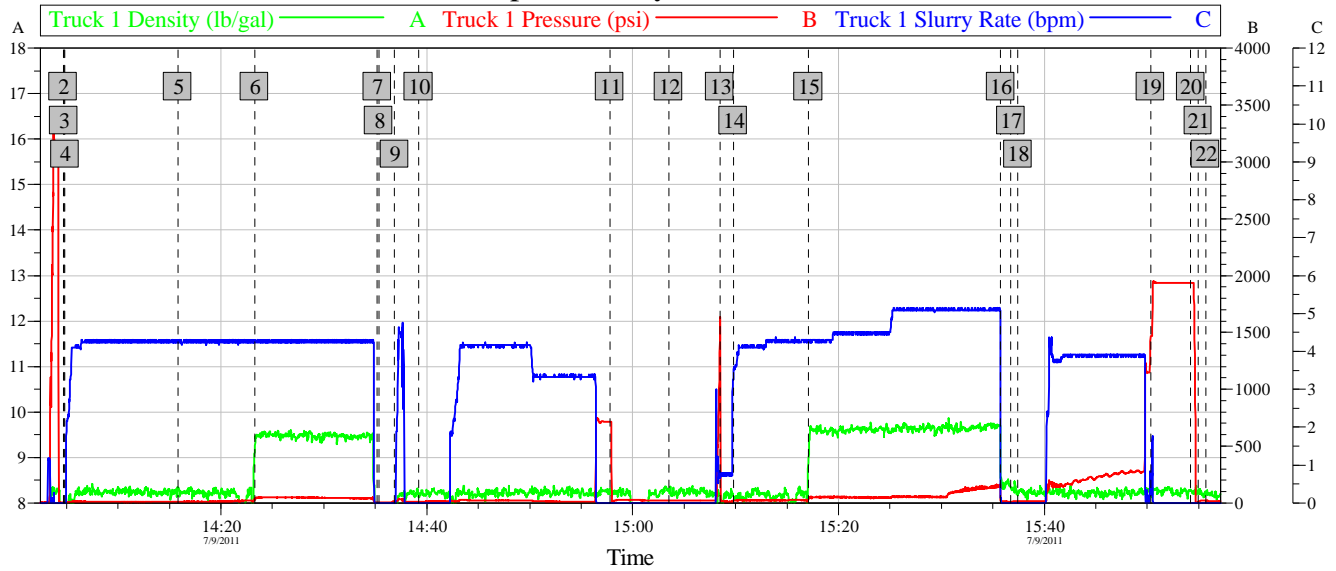
Tools and Accessories

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 ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	FRESH WATER					bbl	8.33	.0	.0	.0		
2	GELLED WATER				30.00	bbl	8.33	.0	.0	.0		
0.2 gal/Mgal		LGC-VI UC, BULK (101582755)										
3	TUNED LIGHT TRINIDAD B3	TUNED LIGHT (TM) SYSTEM (452984)			110.0	sacks	10.	2.3	8.37		8.37	
8.37 Gal		FRESH WATER										
4	DISPLACEMENT					bbl	8.33	.0	.0	.0		
Stage/Plug #: 2												
Fluid #	Stage Type	Fluid Name			Qty	Qty uom	Mixing Density uom	Yield uom	Mix Fluid uom	Rate uom	Total Mix Fluid uom	
1	FRESH WATER					bbl	8.33	.0	.0	.0		
2	GELLED WATER				30.00	bbl	8.33	.0	.0	.0		
0.2 gal/Mgal		LGC-VI UC, BULK (101582755)										
3	TUNED LIGHT TRINIDAD B3	TUNED LIGHT (TM) SYSTEM (452984)			200.0	sacks	10.	2.3	8.37		8.37	
8.37 Gal		FRESH WATER										
4	DISPLACEMENT					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		Actual Displacement		Treatment			
Frac Gradient		15 Min			Spacers		Load and Breakdown		Total Job			
Rates												
Circulating		Mixing		Displacement		Avg. Job						
Cement Left In Pipe		Amount	47 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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XTO - Apache Canyon 09-08 MSC



Global Event Log

2	Start Job	14:04:41	3	Test Lines	14:04:46	4	Pump Water	14:04:51
5	Pump Gel Pill	14:15:50	6	Pump Cement	14:23:16	7	Shutdown	14:35:12
8	Drop Plug	14:35:22	9	Clean Lines	14:36:53	10	Pump Displace	14:39:14
11	Bump Plug	14:57:48	12	Drop Bomb	15:03:32	13	Inflate & open tool	15:08:30
14	Pump Gel Pill	15:09:48	15	Pump Cement	15:17:06	16	Shutdown	15:35:46
17	Drop Plug	15:36:45	18	Pump Displace	15:37:27	19	Bump Plug	15:50:20
20	Close MSC	15:54:14	21	Check	15:54:58	22	End Job	15:55:42

Customer:	Job Date: 09-Jul-2011	Sales Order #: 8304841
Well Description:	UWI:	

OptiCem v6.4.10
25-Jul-11 08:47