
XTO ENERGY INC EBUSINESS

Apache Canyon 20-07

Las Animas County , Colorado

Cement Multiple Stages
24-Jun-2011

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 353810	Ship To #: 2861038	Quote #:	Sales Order #: 8263329
Customer: XTO ENERGY INC EBUSINESS		Customer Rep: Coffee, Ron	
Well Name: Apache Canyon		Well #: 20-07	API/UWI #:
Field:	City (SAP): TRINIDAD	County/Parish: Las Animas	State: Colorado
Contractor: Pense Bros.		Rig/Platform Name/Num: 19	
Job Purpose: Cement Multiple Stages			
Well Type: Development Well		Job Type: Cement Multiple Stages	
Sales Person: THEIS, MATTHEW		Srvc Supervisor: SIPNEFSKI, ROBERT	MBU ID Emp #: 419391

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BOURGEOIS, KEVIN Paul	8.0	459092	GIBBS, JASON Edwin	8.0	300487	HALE, ROBERT E	8.0	470588
SIPNEFSKI, ROBERT Anthony	8.0	419391	SNYDER, JONATHAN Leroy	8.0	435616	TAYLOR, JOSHUA Lin	8.0	485939

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
11562544	42 mile	11527037	42 mile	10824253	42 mile	10951208	42 mile
11562570	42 mile	11515861	42 mile	11036298	42 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	23 - Jun - 2011	22:00 MST
Form Type	BHST			On Location	24 - Jun - 2011	01:00 MST
Job depth MD	2092. ft	Job Depth TVD	2092. ft	Job Started	24 - Jun - 2011	06:00 MST
Water Depth		Wk Ht Above Floor	4. ft	Job Completed	24 - Jun - 2011	09:00 MST
Perforation Depth (MD)	From	To		Departed Loc	24 - Jun - 2011	10:00 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
13 3/8" Openhole				7.875				492.	2480.		
Multiple Stage Cementer	Unknown								1762.		
5 1/2" Production Casing	Unknown		5.5	4.95	15.5		J-55		2092.		
8 5/8" Surface Casing	Unknown		8.625	8.097	24.		J-55		500.		

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		144.00	bbl	8.33	.0	.0	.0	
2	GELLED WATER		20.00	bbl	8.33	.0	.0	.0	
0.2 gal/Mgal		LGC-VI UC, BULK (101582755)							
3	TUNED LIGHT TRINIDAD	TUNED LIGHT (TM) SYSTEM (452984)	110.0	sacks	10.	2.24	7.93		7.93
7.93 Gal		FRESH WATER							
4	DISPLACEMENT		49.00	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		10.00	bbl	8.33	.0	.0	.0	
2	GELLED WATER		20.00	bbl	8.33	.0	.0	.0	
0.2 gal/Mgal		LGC-VI UC, BULK (101582755)							
3	TUNED LIGHT TRINIDAD	TUNED LIGHT (TM) SYSTEM (452984)	185.0	sacks	10.	2.24	7.93		7.93
7.93 Gal		FRESH WATER							
4	DISPLACEMENT		33.00	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 17/39		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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Field:	City (SAP): TRINIDAD	County/Parish: Las Animas	State: Colorado
Legal Description:			
Lat:	Long:		
Contractor: ??	Rig/Platform Name/Num: ??		
Job Purpose: Cement Multiple Stages	Ticket Amount:		
Well Type: Development Well	Job Type: Cement Multiple Stages		
Sales Person: THEIS, MATTHEW	Srv Supervisor: SIPNEFSKI, ROBERT	MBU ID Emp #: 419391	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive at Location from Service Center	06/24/2011 00:00							
Assessment Of Location Safety Meeting	06/24/2011 05:30							
Start Job	06/24/2011 05:55							
Pump Spacer 1	06/24/2011 05:57		3	124				Pump total capacity of hole with H2O plus 10 bbl
Pump Spacer 2	06/24/2011 06:25		3	20				Mix and Pump 20 bbl gel spacer
Pump Cement	06/24/2011 06:31		3	44				Mix and Pump 110 sks of tuned light cmt @ 10.0 #/gal mixed with H2O supplied by rig.
Shutdown	06/24/2011 06:37							
Clean Lines	06/24/2011 06:40							
Drop Top Plug	06/24/2011 06:42							Slow down From 39 bbl to 49 bbl going thru MSC tool
Pump Displacement	06/24/2011 06:45		3	49				Displace with H2O supplied by rig. 17 bbl of Cmt returned to pit.
Bump Plug	06/24/2011 06:58							
Drop Opening Device For Multiple Stage Cementer	06/24/2011 07:03							
Open Multiple Stage Cementer	06/24/2011 07:10						2160.0	
Pump Spacer 1	06/24/2011 07:11		3	10				Pump 10 bbl H2O spacer
Pump Spacer 2	06/24/2011 07:20		3	30				Mix and Pump 30 bbl gel spacer

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Cement	06/24/2011 07:55		3	74				Mix and Pump 185 sks of tuned light cmt @ 10.0 #/gal mixed with H2O supplied by rig.
Drop Top Plug	06/24/2011 08:30							
Pump Displacement	06/24/2011 08:32		3	34				Displace 34bbl of water supplied by rig. Water tank was 3/4 full when arrived on location. During displacement tank was very low. Water trk showed up and completed displacement. 39 bbl returned back to pit.
Close Multiple Stage Cementer	06/24/2011 09:19						2419.0	Tool hand requested 1500 psi over.
Release Casing Pressure	06/24/2011 09:20							
Check Floats	06/24/2011 09:21							Floats held.
End Job	06/24/2011 09:22							