

The Road to Excellence Starts with Safety

Sold To #: 353810	Ship To #: 2862066	Quote #:	Sales Order #: 8405495
Customer: XTO ENERGY INC EBUSINESS	Customer Rep:		
Well Name: Apache Canyon	Well #: 20-15	API/UWI #:	
Field:	City (SAP): TRINIDAD	County/Parish: Las Animas	State: Colorado
Contractor: Pense Drilling	Rig/Platform Name/Num: 19		
Job Purpose: Squeeze Hole in Casing			
Well Type: Development Well	Job Type: Squeeze Hole in Casing		
Sales Person: FLING, MATTHEW	Srv 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 #
BULINSKI, MATTHEW J	5	483865	PAUMEN, CORD Anthony	5	453759	SANFORD, DALE A	5	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	10824253C	250 mile	11518550	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
8-18-11	5	2						

TOTAL	Total is the sum of each column separately							
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Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
Form Type	1510. ft	BHST	1510. ft	On Location	18 - Aug - 2011	09:00	MST
Job depth MD		Job Depth TVD		Job Started	18 - Aug - 2011	10:21	MST
Water Depth		Wk Ht Above Floor		Job Completed	18 - Aug - 2011	11:45	MST
Perforation Depth (MD)	From	To		Departed Loc	18 - Aug - 2011	14:00	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
11" Openhole				11.				43.	597.		
8 5/8" Surface Casing	Unknown		8.625	8.097	24.				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

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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	Trinidad Surface Blend	TRINIDAD SURFACE BLEND - SBM (137081)	200.0	sacks	13.5	1.83	9.09		9.09
9.087 Gal		FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement	7.5	Shut In: Instant	150	Lost Returns		Cement Slurry	65	Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement	7.5	Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		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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Well Name: Apache Canyon			Well #: 20-15		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: Squeeze Hole in Casing					Ticket Amount:		
Well Type: Development Well			Job Type: Squeeze Hole in Casing				
Sales Person: FLING, MATTHEW			Srvc Supervisor: SANFORD, DALE			MBU ID Emp #: 219527	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Test Lines	08/18/2011 10:24		0.5	0.5		4400.0		
Pump Spacer 1	08/18/2011 10:30		2	2		100.0		Clear tool
Set Tool	08/18/2011 10:30							
Test Lines	08/18/2011 10:33		0.5	0.5		75.0		Test tubing
Shutdown	08/18/2011 10:33							BOP Leak
Test Lines	08/18/2011 10:37		0.5	0.5		3000.0		
Load Backside	08/18/2011 10:53						500.0	
Shutdown	08/18/2011 10:54							
Set Tool	08/18/2011 10:54							Sting In Tool
Establish Rate	08/18/2011 10:55		3	20		650.0		Avg 350 @ 3 bpm
Pump Cement	08/18/2011 11:00		3	65		400.0		200 Sks cmt @ 13.5# 1.82--9.08 gps
Pump Displacement	08/18/2011 11:24		3	7.5		375.0		no ret
Reverse Circ Well	08/18/2011 11:30		3	12		200.0		1 Bbl Cmt to pit
Shutdown	08/18/2011 11:37							
End Job	08/18/2011 11:48							