

HALLIBURTON

NOBLE ENERGY INC E-BUSINESS

Jones USX W15-01
Wattenberg
Weld County , Colorado

Squeeze Hole in Casing

01-Oct-2012

Job Site Documents

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 345242	Ship To #: 2955244	Quote #:	Sales Order #: 9857658
Customer: NOBLE ENERGY INC E-BUSINESS		Customer Rep: Zwaggsra, Eric	
Well Name: Jones USX	Well #: W15-01	API/UWI #: 05-123-09449	
Field: Wattenberg	City (SAP): FORT LUPTON	County/Parish: Weld	State: Colorado
Contractor: Ensign		Rig/Platform Name/Num: 306 #	
Job Purpose: Squeeze Hole in Casing		Job Type: Squeeze Hole in Casing	
Well Type: Development Well		Srvc Supervisor: LAYALLEY, LARRY	
Sales Person: FLING, MATTHEW		MBU ID Emp #: 419296	
Job Personnel			
HES Emp Name	Exp Hrs	HES Emp Name	Exp Hrs
FRY, DOMINIK	3.5	LAYALLEY, LARRY P	3.5
OTERL, VAUGHN	3.5	443828	
Steeves			
Equipment			
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10248063C	12 mile	11518649	12 mile
Job Hours			
Date	On Location Hours	Operating Hours	Date
10/01/12	3.5	1.5	
TOTAL			
Total is the sum of each column separately			
Job Times			
Formation Name	Top	Bottom	Date
Formation Depth (MD)			01 - Oct - 2012
Form Type	BHST		01 - Oct - 2012
Job depth MD	5058. ft	Job Depth TVD	5058. ft
Water Depth		Wk Ht Above Floor	6. ft
Perforation Depth (MD)	From	To	Deparated Loc
Well Data			
Description	New / Used	Max pressure psig	Size in in
Production Casing	Unknown	4.5	4.052
Tubing	Unknown	2.375	1.995
Tools and Accessories			
Type	Size	Qty	Make
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
			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

1	Fraccem 13.5#	FRACCEM (TM) SYSTEM (452963)	200.0	sacks	13.5	1.74	8.3	2.0	8.3
	3 %	SILICALITE - COMPACTED, 50 LB SK (100012223)							
	8.3 Gal	FRESH WATER							
Calculated Values		Pressures	Volumes						
Displacement	15	Shut In: Instant		Lost Returns	0	Cement Slurry	62	Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement	15	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	150
Rates									
Circulating		Mixing	2	Displacement	2	Avg. Job	2		
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					