

HALLIBURTON

NOBLE ENERGY INC E-BUSINESS

State Schmidt 36-9
Wattenberg
Weld County , Colorado

Recement Service
07-Feb-2013

Job Site Documents

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 345242				Ship To #: 2979599				Quote #:				Sales Order #: 900202818			
Customer: NOBLE ENERGY INC E-BUSINESS								Customer Rep: Marshal, Dennis							
Well Name: State Schmidt				Well #: 36-9				API/UWI #: 05-123-13367							
Field: Wattenberg		City (SAP): KERSEY		County/Parish: Weld				State: Colorado							
Lat: N 40.35 deg. OR N 40 deg. 21 min. 1.102 secs.				Long: W 104.609 deg. OR W -105 deg. 23 min. 26.257 secs.											
Contractor: Leed				Rig/Platform Name/Num:											
Job Purpose: Recement Service															
Well Type: Development Well				Job Type: Recement Service											
Sales Person: AARON, WESLEY				Srv Supervisor: FANTASIA, JOSEPH				MBU ID Emp #: 485445							
Job Personnel															
HES Emp Name		Exp Hrs	Emp #	HES Emp Name		Exp Hrs	Emp #	HES Emp Name		Exp Hrs	Emp #				
DODSON, RICHARD Bryan		3.0	518192	FANTASIA, JOSEPH Brandon		3.0	485445	SMITH, AARON David		3.0	518187				
Equipment															
HES Unit #	Distance-1 way		HES Unit #	Distance-1 way		HES Unit #	Distance-1 way		HES Unit #	Distance-1 way					
11019824 C	32 mile		11410470 C	32 mile		12010169	32 mile								
Job Hours															
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours				
1-7-2013	3	3													
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	07 - Feb - 2013	08:00	MST						
Form Type			BHST			On Location	07 - Feb - 2013	11:00	MST						
Job depth MD		4833. ft	Job Depth TVD	4833. ft		Job Started	07 - Feb - 2013	12:00	MST						
Water Depth			Wk Ht Above Floor			Job Completed	07 - Feb - 2013	13:00	MST						
Perforation Depth (MD)		From	To			Departed Loc	07 - Feb - 2013	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				
10" Open Hole				9.				550.	4833.						
12" Open Hole				12.				325.	550.						
4 1/2" Production Casing	Unknow n		4.5	4.	11.6			.	7189.		7189.				
Surface Casing	Used		8.625	8.097	24.		J-55	.	315.	.	315.				
1 1/4" tubing	Used		1.25	.671	3.02		P-105	.	4833.	.	4833.				
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															

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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
1	13.5 FracCem	FRACCEN (TM) SYSTEM (452963)	200.0	sacks	13.5	1.48	7.07	1	7.07
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	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					