

HALLIBURTON

NOBLE ENERGY INC E-BUSINESS

**State Schmidt 36-8
Wattenberg
Weld County , Colorado**

Recement Service
14-Jan-2013

Job Site Documents

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 345242	Ship To #: 2974614	Quote #:	Sales Order #: 900138256
Customer: NOBLE ENERGY INC E-BUSINESS		Customer Rep: Hohenstein, Chris	
Well Name: State Schmidt	Well #: 36-8	API/UWI #: 05-123-13366	
Field: Wattenberg	City (SAP): KERSEY	County/Parish: Weld	State: Colorado
Contractor: Leed	Rig/Platform Name/Num:		
Job Purpose: Recement Service			
Well Type: Development Well		Job Type: Recement Service	
Sales Person: AARON, WESLEY		Srv Supervisor: BULINSKI, MATTHEW	MBU ID Emp #: 483865

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BULINSKI, MATTHEW J	0.0	483865	EDWARDS, MICHEAL H	0.0	522592	IPSON, TIMOTHY J	0.0	485018
MULLER, MICHEL B	0.0	529830						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
11064535	25 mile	11360865C	25 mile	11488570C	25 mile	11605598	25 mile
11764054C	25 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
1-14-13	5.5	2						
TOTAL			Total is the sum of each column separately					

Job

Formation Name	Formation Depth (MD)	Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Water Depth	Perforation Depth (MD)	From	To
				BHST	4800. ft	4800. ft				
							Wk Ht Above Floor			

Job Times

Date	Time	Time Zone
14 - Jan - 2013	05:00	MST
14 - Jan - 2013	08:30	MST
14 - Jan - 2013	10:32	MST
14 - Jan - 2013	13:51	MST
14 - Jan - 2013	14:30	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.				342.	4607.		
4 1/2" Production Casing	Unknown		4.5	3.826	15.1			.	7070.		7070.
Surface Casing	Used		8.625	8.097	24.		J-55	.	342.	.	342.
1 1/4" tubing	Used		1.25	.671	3.02		P-105	.	4608.	.	4608.

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			

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Cementing Job Summary

1	13.5 FracCem	FRACCEM (TM) SYSTEM (452963)	225.0	sacks	13.5	1.48	7.07		7.07
	7.07 Gal	FRESH WATER							
2	15.8# Cement	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)	300.0	sacks	15.8	1.15	4.99		4.99
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
	4.989 Gal	FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement	3	Shut In: Instant		Lost Returns	0	Cement Slurry	121	Pad	
Top Of Cement		5 Min		Cement Returns	8	Actual Displacement	3	Treatment	
Frac Gradient		15 Min		Spacers	25	Load and Breakdown		Total Job	148
Rates									
Circulating	2	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					