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## **NOBLE ENERGY INC E-BUSINESS**

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**State Schmidt 36-3  
Wattenberg  
Weld County , Colorado**

**Recement Service  
15-Feb-2013**

**Job Site Documents**

## The Road to Excellence Starts with Safety

Sold To #: 345242	Ship To #: 2981005	Quote #:	Sales Order #: 900221313
Customer: NOBLE ENERGY INC E-BUSINESS		Customer Rep: Marshal, Dennis	
Well Name: State Schmidt		Well #: 36-3	API/UWI #: 05-123-12115
Field: Wattenberg	City (SAP): KERSEY	County/Parish: Weld	State: Colorado
Lat: N 40.35 deg. OR N 40 deg. 21 min. 0.504 secs.		Long: W 104.604 deg. OR W -105 deg. 23 min. 44.16 secs.	
Contractor: Leed		Rig/Platform Name/Num:	
Job Purpose: Recement Service			
Well Type: Development Well		Job Type: Recement Service	
Sales Person: AARON, WESLEY	Srvc 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	2.5	483865	Geddes, Chris	2.5	537413	IPSON, TIMOTHY J	2.5	485018
MARKOVICH, STEVEN Michael	2.5	502964	MONTOYA, BRYAN Keith	2.5	538586			

## Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
11410470C	25 mile	11605598	25 mile	11808819C	25 mile	11923776C	25 mile

## Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
2-15-13	2.5	1						
TOTAL			Total is the sum of each column separately					

## Job

## Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
Form Type			BHST	On Location	15 - Feb - 2013	09:45	MST
Job depth MD	574. ft		Job Depth TVD	Job Started	15 - Feb - 2013	10:27	MST
Water Depth			Wk Ht Above Floor	Job Completed	15 - Feb - 2013	11:11	MST
Perforation Depth (MD)	From		To	Departed Loc	15 - Feb - 2013	00:00	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.				574.	7145.		
12" Open Hole				12.				382.	574.		
4 1/2" Production Casing	Unknown		4.5	4.	11.6			.	7145.		7145.
Surface Casing	Used		8.625	8.097	24.		J-55	.	382.	.	382.
1 1/4" tubing	Used		1.25	.671	3.02		P-105	.	574.	.	574.

## 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

**HALLIBURTON*****Cementing Job Summary***

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	15.8# Cement	HALCEM (TM) SYSTEM (452986)	275.0	sacks	15.8	1.15	5.0		5.0
5 Gal		FRESH WATER							
<b>Calculated Values</b>		<b>Pressures</b>		<b>Volumes</b>					
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	
<b>Rates</b>									
Circulating		1.5		1		Displacement		1.5	
Avg. Job		1.5							
Cement Left In Pipe		Amount		0 ft		Reason		Shoe Joint	
Frac Ring # 1 @		ID		Frac ring # 2 @		ID		Frac Ring # 3 @	
								ID	
The Information Stated Herein Is Correct				Customer Representative Signature					