

HALLIBURTON

NOBLE ENERGY INC E-BUSINESS

**Lucci-BC B 01-10
WATTENBERG
Weld County , Colorado**

**Recement Service
10-May-2013**

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 345242		Ship To #: 2997637		Quote #:		Sales Order #: 900430240	
Customer: NOBLE ENERGY INC E-BUSINESS				Customer Rep: Hohnstein, Chris			
Well Name: Lucci-BC B			Well #: 01-10		API/UWI #: 05-123-14285		
Field: WATTENBERG		City (SAP): KERSEY		County/Parish: Weld		State: Colorado	
Lat: N 40.427 deg. OR N 40 deg. 25 min. 35.994 secs.				Long: W 104.496 deg. OR W -105 deg. 30 min. 14.677 secs.			
Contractor: Noble			Rig/Platform Name/Num: Workover				
Job Purpose: Recement Service							
Well Type: Development Well				Job Type: Recement Service			
Sales Person: PLIENESS, RYAN				Srvc Supervisor: BARRAS, JOSEPH		MBU ID Emp #: 405168	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BARNES, BRIAN L	2	485204	BARRAS, JOSEPH Corey	2	405168	NIELSON, BRANDON K	2	479703

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10857080C	44 mile	11633846C	44 mile	11812069C	44 mile	12010172	44 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours

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	10 - May - 2013	04:00	MST
Job depth MD	530. ft		Job Depth TVD	Job Started	10 - May - 2013	09:00	MST
Water Depth			Wk Ht Above Floor	Job Completed	10 - May - 2013	09:57	MST
Perforation Depth (MD)	From		To	Departed Loc	10 - May - 2013	11:00	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
12" Open Hole				12.				275.	550.		
Surface Casing	Used		8.625	8.097	24.		J-55	.	275.	.	.
1 1/4" tubing	Used		1.25	.671	3.02		P-105	.	550.	.	.
3 1/2" Production Casing	Unknown		3.5	2.992	9.3			.	6936.		

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

HALLIBURTON

Cementing Job Summary

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
1	15.8# Cement	HALCEM (TM) SYSTEM (452986)	400.0	sacks	15.8	1.15	5.0		5.0
	5 Gal	FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement		Shut In: Instant		Lost Returns	0	Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns	11	Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers	0	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					