
NOBLE ENERGY INC E-BUSINESS

State RG 36-12
WATTENBERG
Weld County , Colorado

Recement Service

09-Nov-2012

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 345242		Ship To #: 2963049		Quote #:		Sales Order #: 9956185	
Customer: NOBLE ENERGY INC E-BUSINESS				Customer Rep: Burns, Pete			
Well Name: State			Well #: RG 36-12			API/UWI #: 05-123-13548	
Field: WATTENBERG		City (SAP): LA SALLE		County/Parish: Weld		State: Colorado	
Contractor: Leed			Rig/Platform Name/Num: Leed				
Job Purpose: Recement Service							
Well Type: Development Well			Job Type: Recement Service				
Sales Person: FLING, MATTHEW			Srvc Supervisor: SNYDER, JONATHAN			MBU ID Emp #: 435616	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
MARKOVICH, STEVEN Michael	4.0	502964	SINCLAIR, RICHARD	4.0	368195	SNYDER, JONATHAN Leroy	4.0	435616

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
11362287C	31 mile	11518548	31 mile	11645065	31 mile	5707C	31 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
11/9/2012	4	1						

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Water Depth	Perforation Depth (MD)	From	To	Called Out	Date	Time	Time Zone
				BHST	659. ft	4985. ft						09 - Nov - 2012	08:00	MST
											On Location	09 - Nov - 2012	11:00	MST
											Job Started	09 - Nov - 2012	13:15	MST
											Job Completed	09 - Nov - 2012	14:01	MST
											Departed Loc	09 - Nov - 2012	15:00	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
9" Open Hole				9.				612.	4985.		
4 1/2" Production Casing	Unknown		4.5	4.	11.6			.	7500.		
Surface Casing	Used		8.625	8.097	24.		J-55	.	659.	.	.
1 1/4" tubing	Used		1.25	.671	3.02		P-105	.	659.	.	.

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	

Stage/Plug #: 1

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	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)	225	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	1.5	Shut In: Instant		Lost Returns		Cement Slurry	46	Pad	
Top Of Cement	0	5 Min		Cement Returns	3	Actual Displacement	1.5	Treatment	
Frac Gradient		15 Min		Spacers	15	Load and Breakdown		Total Job	
Rates									
Circulating	2	Mixing	2	Displacement	2	Avg. Job	2		
Cement Left In Pipe	Amount	0 ft	Reason						
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					