
NOBLE ENERGY INC E-BUSINESS

**Trebor B11-7
Wattenberg
Weld County , Colorado**

Recement Service
22-Aug-2013

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 345242		Ship To #: 3096206		Quote #:		Sales Order #: 900685131	
Customer: NOBLE ENERGY INC E-BUSINESS				Customer Rep: Burns, Pete			
Well Name: Trebor			Well #: B11-7		API/UWI #: 05-123-13499		
Field: Wattenberg		City (SAP): KERSEY		County/Parish: Weld		State: Colorado	
Lat: N 40.416 deg. OR N 40 deg. 24 min. 55.818 secs.				Long: W 104.515 deg. OR W -105 deg. 29 min. 6.562 secs.			
Job Purpose: Recement Service							
Well Type: Development Well				Job Type: Recement Service			
Sales Person: PLIENESS, RYAN				Srv Supervisor: PICKELL, CHRISTOPHER		MBU ID Emp #: 396838	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
JEWELL, WILLIAM Uris	3.5	503358	LANGE, TIMOTHY Paul	3.5	520811	PICKELL, CHRISTOPHER Lee	3.5	396838

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10866497C	42 mile	11605597	42 mile	11667703C	42 mile	11764737C	42 MILE

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
8/22/13	3.5	3.5						
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	1528. ft	1528. ft				
							Wk Ht Above Floor			
						5. ft				

Job Times

Date	Time	Time Zone
22 - Aug - 2013	05:00	MST
22 - Aug - 2013	08:30	MST
22 - Aug - 2013	09:52	MST
22 - Aug - 2013	10:57	MST
22 - Aug - 2013	12:00	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
4 1/2" Production Casing	Unknown		4.5	3.826	15.1	BTC	J-55	.	2500.		
1 1/4" CSI Tubing Drill Pipe	Unknown		1.25	.671	3.02	8 RD	P-110	.	1528.		

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

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 w/HR-5	HALCEM (TM) SYSTEM (452986)	400.0	sacks	15.8	1.15	5.0		5.0
5 Gal		FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement	1.5 BBL	Shut In: Instant		Lost Returns	0 BBL	Cement Slurry	82 BBL	Pad	
Top Of Cement	400 FT	5 Min		Cement Returns	0 BBL	Actual Displacement	1.5 BBL	Treatment	
Frac Gradient		15 Min		Spacers	5 BBL	Load and Breakdown		Total Job	
Rates									
Circulating		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					