

HALLIBURTON

NOBLE ENERGY INC E-BUSINESS

Trebor B11-8
WATTENBURG
Weld County , Colorado

Cement via Annulus
14-Aug-2013

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 345242		Ship To #: 3092916		Quote #:		Sales Order #: 900665148	
Customer: NOBLE ENERGY INC E-BUSINESS				Customer Rep: Monagham, Kevin			
Well Name: Trebor			Well #: B11-8			API/UWI #:	
Field: WATTENBURG		City (SAP): KERSEY		County/Parish: Weld		State: Colorado	
Contractor: WORKOVER			Rig/Platform Name/Num: LEAD 711				
Job Purpose: Cement via Annulus							
Well Type: Development Well			Job Type: Cement via Annulus				
Sales Person: FLING, MATTHEW			Srv Supervisor: FANTASIA, JOSEPH			MBU ID Emp #: 485445	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CARTER, MEGAN	3.0	123456	FANTASIA, JOSEPH Brandon	3.0	485445	HINKLE, BRADLEY Dean	3.0	512123
LANGE, TIMOTHY Paul	3.0	520811	REED, PAUL	3.0	123456			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
11036298	45 mile	11064535	45 mile	11410470C	45 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
8-14-2013	3	3						

TOTAL

Total is the sum of each column separately

Job

JOB						JOB Times				
Formation Name							Date	Time	Time Zone	
Formation Depth (MD)		Top			Bottom		Called Out	14 - Aug - 2013	05:00	MST
Form Type				BHST			On Location	14 - Aug - 2013	08:00	MST
Job depth MD		1500. ft		Job Depth TVD		1500. ft	Job Started	14 - Aug - 2013	09:00	MST
Water Depth				Wk Ht Above Floor			Job Completed	14 - Aug - 2013	10:30	MST
Perforation Depth (MD)		From			To		Departed Loc	14 - Aug - 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
Open Hole				10.				319.	6976.		
Production Casing	Unknown		4.5	3.826	15.1		N-80	.	6973.		
1 1/4" Tubing	Unknown		1.25	.824	2.4		C-90	.	1500.	1500.	1500.

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		

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	Water Spacer		10.00	bbl	8.33	.0	.0	1.5		
2	Topout Cement	HALCEM (TM) SYSTEM (452986)	390.0	sacks	15.8	1.15	5.0	1.5	5.0	
5 Gal		FRESH WATER								
Calculated Values		Pressures		Volumes						
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		
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						