

The Road to Excellence Starts with Safety

Sold To #: 345242	Ship To #: 3692474	Quote #:	Sales Order #: 0902768692
Customer: NOBLE ENERGY INC E-BUSINESS		Customer Rep:	
Well Name: Wells #1	Well #: 1	API/UWI #:	
Field:	City (SAP): BRIGGSDALE	County/Parish: WELD	State: COLORADO
Legal Description:			
Contractor: UNKNOWN		Rig/Platform Name/Num: WORKOVER RIG	
Job BOM: 7528			
Well Type: GAS			
Sales Person: HALAMERICA/HX37727		Srcv Supervisor: Chris Turner	

**Job**

Formation Name	Wells		
Formation Depth (MD)	Top	N/A	Bottom
Form Type	PTA	BHST	150 degF
Job depth MD	1640ft	Job Depth TVD	N/A
Water Depth	N/A	Wk Ht Above Floor	0 ft
Perforation Depth (MD)	From 1449 ft	To	1450 ft

**Well Data**

Description	New / Used	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Tubing		2.875	2.441	6.4			0	1640		
Open Hole Section			6.875				0	1640		

**Tools and Accessories**

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe					Top Plug			
Float Shoe					Bottom Plug			
Float Collar					SSR plug set			
Insert Float					Plug Container			
Stage Tool					Centralizers			

**Fluid Data**

Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
1	HalCem	HALCEM (TM) SYSTEM	425	sack	15.8	1.147	4.99	2	4.99	
4.99 Gal		FRESH WATER								

Cement Left In Pipe	Amount	ft	Reason	Shoe Joint
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**Fluid Data**

Stage/Plug #: 2				
Cement Left In Pipe	Amount	ft	Reason	Shoe Joint

**Fluid Data**

**Stage/Plug #: 3**

Cement Left In Pipe	Amount	ft	Reason	Shoe Joint	
Mix Water:	pH 7	Mix Water Chloride:	120 ppm	Mix Water Temperature:	66 °F
Cement Temperature:	N/A	Plug Displaced by:	N/A	Disp. Temperature:	N/A
Plug Bumped?	N/A	Bump Pressure:	N/A	Floats Held?	N/A
Cement Returns:	6 bbl	Returns Density:	N/A	Returns Temperature:	N/A

**Comment** Pumped until Cement to Surface and got 4 bbl back. Topped out with 9 bbl of Cement