

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					Srv Supervisor: Chris Turner						
Job											
Formation Name		Wells									
Formation Depth (MD)		Top		N/A		Bottom		N/A			
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 ft3/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				
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					