

The Road to Excellence Starts with Safety

Sold To #: 345242		Ship To #: 2560946		Quote #:		Sales Order #: 0904919267			
Customer: NOBLE ENERGY INC-EBUS				Customer Rep: Tom Dunn					
Well Name: Roth		Well #: 24-21		API/UWI #: 05-123-24578					
Field:		City (SAP): GILL		County/Parish: WELD		State: COLORADO			
Legal Description:									
Contractor:				Rig/Platform Name/Num:					
Job BOM: 7528 7528									
Well Type: GAS									
Sales Person: HALAMERICA\HB70026				Srcv Supervisor: Aaron Smith					
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	CIBP Plug	HALCEM (TM) SYSTEM	20	sack	15.8	1.514		2	6.21
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
2	Mud Flush III (Powder)	Mud Flush III	10	bbl	8.4				
42 gal/bbl		FRESH WATER							
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
3	HalCem	HALCEM (TM) SYSTEM	165	sack	15.8	1.15			5
5 Gal		FRESH WATER							
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
4	Mud Flush III (Powder)	Mud Flush III	20	bbl	8.4				
42 gal/bbl		FRESH WATER							
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
5	HalCem	HALCEM (TM) SYSTEM	270	sack	15.8	1.15			5
5 Gal		FRESH WATER							
Cement Left In Pipe	Amount	ft	Reason				Shoe Joint		