

The Road to Excellence Starts with Safety

Sold To #: 345242	Ship To #: 2549591	Quote #:	Sales Order #: 0903332008
Customer: NOBLE ENERGY INC E-BUSINESS		Customer Rep: Pete Burns	
Well Name: Dyer USX	Well #: AB 35-13	API/UWI #:	
Field:	City (SAP): KERSEY	County/Parish: WELD	State: COLORADO
Legal Description:			
Contractor: UNKNOWN		Rig/Platform Name/Num: WORKOVER RIG	
Job BOM: 7528			
Well Type: GAS			
Sales Person: HALAMERICA\HB45834		Srvc Supervisor: Nathaniel Moore	
Job			

Formation Name			
Formation Depth (MD)	Top		Bottom
Form Type		BHST	150 degF
Job depth MD	2557ft	Job Depth TVD	
Water Depth		Wk Ht Above Floor	
Perforation Depth (MD)	From	To	

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
Casing	3	8.625	8.097	24			0	896	0	0
Tubing		2.375	1.995	4.7			0	2557	0	0
Open Hole Section			10				896	2500	0	0
Casing		4.5	3.826	15.1			2494	6746	0	0

Tools and Accessories									
Type	Size in	Qty	Make	Depth ft		Type	Size in	Qty	Make
Guide Shoe	4.5			6746		Top Plug	4.5		HES
Float Shoe	4.5					Bottom Plug	4.5		HES
Float Collar	4.5					SSR plug set	4.5		HES
Insert Float	4.5					Plug Container	4.5		HES
Stage Tool	4.5					Centralizers	4.5		HES

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	Plug #1	HALCEM (TM) SYSTEM	100	sack	15.8	1.15			5
4.99 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
2	Plug #2	HALCEM (TM) SYSTEM	332	sack	15.8	1.15			5

4.99 Gal		FRESH WATER			
Cement Left In Pipe	Amount	ft	Reason		Shoe Joint
1 bbl	pH ##		Mix Water Chloride: ## ppm		Mix Water Temperature: ## °F °C
Cement Temperature: ## °F °C			Plug Displaced by: ## lb/gal kg/m3 XXXX		Disp. Temperature: ## °F °C
Plug Bumped? Yes/No			Bump Pressure: #### psi MPa		Floats Held? Yes/No
Cement Returns: ## bbl m3			Returns Density: ## lb/gal kg/m3		Returns Temperature: ## °F °C
Comment					
1 bbl cement to surface					