

*The Road to Excellence Starts with Safety*

Sold To #: 345242	Ship To #: 3685183	Quote #:	Sales Order #: 0902667633
Customer: NOBLE ENERGY INC E-BUSINESS		Customer Rep: TYSON	
Well Name: Lilli Unit	Well #: 6-6	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\HB29087		Srvc Supervisor: Joseph Fantasia/ KEN BROOM	

### Job

Formation Name			
Formation Depth (MD)	Top		Bottom
Form Type		BHST	150 degF
Job depth MD	5770ft	Job Depth TVD	5770
Water Depth		Wk Ht Above Floor	6
Perforation Depth (MD)	From 2500 ft	To	2500 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
Casing		8.625	8.097	24			0	260		
Casing		4.5	4.052	10.5			0	5770		
Open Hole Section			10				260	563		

### Tools and Accessories

### Fluid Data

Stage/Plug #: 1 TUBING @ 5770

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	15	sack	15.8	1.15	5	1	75
5 Gal		FRESH WATER							

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

Stage/Plug #: 2 TUBING @ 2400

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	100	sack	15.8	1.15	5	2	500
5 Gal		FRESH WATER							

Cement Left In Pipe	Amount	ft	Reason	Shoe Joint
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Fluid Data									
Stage/Plug #: 3 TUBING @ 891									
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	415	sack	15.8	1.15	5	2	2075
5 Gal		FRESH WATER							
Stage/Plug #: 4 TOP OUT									
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	35	sack	15.8	1.15	5	1	175
5 Gal		FRESH WATER							
Cement Left In Pipe		Amount	Reason						
Comment									