

The Road to Excellence Starts with Safety

Sold To #: 345242	Ship To #: 2732834	Quote #:	Sales Order #: 0904378653
Customer: NOBLE ENERGY INC E-BUSINESS		Customer Rep: Tyson Hamacher	
Well Name: Wells Ranch BB	Well #: 12-01	API/UWI #: 05-123-30128	
Field:	City (SAP): GILL	County/Parish: WELD	State: COLORADO
Legal Description:			
Contractor: Tyson H		Rig/Platform Name/Num: WORKOVER	
Job BOM: 7528 7528			
Well Type: GAS			
Sales Person: HALAMERICA\HB70026		Srvc Supervisor: Nicholas Peterson	
Job			

Formation Name	
Formation Depth (MD)	Top Bottom
Form Type	BHST
Job depth MD	2500ft Job Depth TVD
Water Depth	Wk Ht Above Floor 5'
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		8.625	8.097	24			0	580		
Casing	3	4.5	4	11.6			0	2500	0	0
Tubing		2.375	1.995	4.7			0	2500		0

Fluid Data

Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mi Fluid Gal	
1	PLUG #1	HALCEM (TM) SYSTEM	25	sack	15.8	1.15	5	2	125	
		94 lbm CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)								
		5 Gal FRESH WATER								

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mi Fluid Gal	
2	Mud Flush III (Powder)	Mud Flush III	0	bbl	8.4					
		42 gal/bbl FRESH WATER								

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mi Fluid Gal	
3	HalCemTop Out	HALCEM (TM) SYSTEM		sack	15.8	1.15		2	5	
		5 Gal FRESH WATER								

Cement Left In Pipe	Amount	ft	Reason	Shoe Joint
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Day 1 Mix water; PH 7.0, Chlorides 0, Temp 60, Sulfates <200.

Comment: Day 1 plug 25 sks, 5.12 bbls displaced with fresh water 8.26 bbls.

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Sold To #: 345242	Ship To #: 2732834	Quote #:	Sales Order #: 0904378653
Customer: NOBLE ENERGY INC E-BUSINESS		Customer Rep: Pete Burns	
Well Name: Wells Ranch BB	Well #: 12-01	API/UWI #: 05-123-30128	
Field:	City (SAP): GILL	County/Parish: WELD	State: COLORADO
Legal Description:			
Contractor: Tyson H		Rig/Platform Name/Num: WORKOVER	
Job BOM: 7528 7528			
Well Type: GAS			
Sales Person: HALAMERICA\HB70026		Srcv Supervisor: Luke Kosakewich	
Job			

Formation Name			
Formation Depth (MD)	Top		Bottom
Form Type			BHST
Job depth MD	2500ft		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		8.625	8.097	24			0	552		
Casing	3	4.5	4	11.6			575	2500	0	0
Tubing		2.375	1.995	4.7			0	720		0

Tools and Accessories

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	2.375			720	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 ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
1	HalCemTop Out	HALCEM (TM) SYSTEM	291	sack	15.8	1.15		2	5	

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
2	Displacment	Fresh Water	0.5	bbl				2	

Cement Left In Pipe	Amount	ft 720	Reason	PTA
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<p>Comment Had full returns throughout the job. Set a cement plug from 720' to surface.. Got cement to surface. The cement fell 24'. Top out the well with 4 bbls of cement.</p>
