

The Road to Excellence Starts with Safety

Sold To #: 338668	Ship To #: 2787561	Quote #: 0021995667	Sales Order #: 0902091101
Customer: CHEVRON - MID-CONTINENT EBIZ		Customer Rep: Lom	
Well Name: Beezley	Well #: 2-22	API/UWI #:	
Field:	City (SAP): RANGELY	County/Parish: RIO BLANCO	State: COLORADO
<b>Legal Description:</b>			
Contractor:		Rig/Platform Name/Num: Workover	
Job BOM: 7521			
Well Type: GAS			
Sales Person: HALAMERICA\HX20741		Srvc Supervisor: Dennis Elder	
Job			

Formation Name		Bottom	
Formation Depth (MD)	Top	BHST	
Form Type		Job Depth TVD	
Job depth MD	85ft	Wk Ht Above Floor	
Water Depth		To	
Perforation Depth (MD)	From		

**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		10.75	10.05	40.5			0	85		
Casing		16	15.376	55			0	85		

**Tools and Accessories**

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	10.75				Top Plug	10.75		HES
Float Shoe	10.75				Bottom Plug	10.75		HES
Float Collar	10.75				SSR plug set	10.75		HES
Insert Float	10.75				Plug Container	10.75		HES
Stage Tool	10.75				Centralizers	10.75		HES

**Miscellaneous Materials**

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty

**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	Top Out Cement	HALCEM (TM) SYSTEM	50	sack	15.8	1.15		2	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
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Cement Left In Pipe	Amount	ft	Reason				Shoe Joint		
Comment									

# HALLIBURTON

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Case 1

## 3.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	DH Density (ppg)	Comb Pump Rate (bbl/min)	DS Pump Press (psi)	Comment
Event	1	Call Out	Call Out	1/29/2015	07:00:00	USER				
Event	2	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	1/29/2015	09:00:00	USER				
Event	3	Crew Leave Yard	Crew Leave Yard	1/29/2015	09:15:00	USER				
Event	4	Arrive At Loc	Arrive At Loc	1/29/2015	11:00:00	USER				
Event	5	Pre-Rig Up Safety Meeting	Pre-Rig Up Safety Meeting	1/29/2015	12:00:00	USER				
Event	6	Rig-Up Equipment	Rig-Up Equipment	1/29/2015	12:15:00	USER				
Event	7	Rig-Up Completed	Rig-Up Completed	1/29/2015	13:00:00	USER				
Event	8	Other	Other	1/29/2015	13:01:00	USER				Waiting on permit.
Event	9	Other	Other	1/29/2015	14:00:00	USER				Permit approved.
Event	10	Pre-Job Safety Meeting	Pre-Job Safety Meeting	1/29/2015	14:05:00	USER				
Event	11	Other	Other	1/29/2015	14:31:02	COM5	0.45	1.00	33.00	Filled lines with 1 bbl fresh water.
Event	12	Test Lines	Test Lines	1/29/2015	14:32:52	COM5	8.30	0.00	1203.00	Test Kick-outs
Event	13	Test Lines	Test Lines	1/29/2015	14:35:15	COM5	8.42	0.00	2260.00	Test lines to 2500 psi. No leaks.
Event	14	Pump Cement	Pump Cement	1/29/2015	14:51:10	USER	15.46	1.10	7.00	Pumped 41 sks cement/ 8 bbls. @ 15.8#, 1.15yd, 5.0 gal/sk.
Event	15	Shutdown	Shutdown	1/29/2015	14:54:48	USER	15.39	1.10	2.00	Shutdown @ 5 bbls cement away. We had 13# cement to surface. <i>HD</i>
Event	16	Pump Cement	Pump Cement	1/29/2015	15:02:18	USER	1.71	0.90	-6.00	Pumped 1 bbl cement. We immediately got cement to surface.
Event	17	Shutdown	Shutdown	1/29/2015	15:02:40	USER	4.59	1.40	-3.00	Shutdown
Event	18	Pump Cement	Pump Cement	1/29/2015	15:12:01	USER	2.45	1.50	-4.00	Pumped 2 bbls cement. We immediately got cement to surface.

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Event	19	Shutdown	Shutdown	1/29/2015	15:12:51	USER	15.62	0.90	25.00	Shutdown. Pumped a total of 7 bbls into the annulus. Cement @ surface weighed 14.1#. (Scrapped 1 bbl cement to the pit).
Event	20	Pre-Rig Down Safety Meeting	Pre-Rig Down Safety Meeting	1/29/2015	15:20:00	USER	10.13	2.00	-1.00	
Event	21	Rig-Down Equipment	Rig-Down Equipment	1/29/2015	15:25:00	USER	4.44	6.10	39.00	
Event	22	Rig-Down Completed	Rig-Down Completed	1/29/2015	15:45:00	USER				
Event	23	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	1/29/2015	15:50:00	USER				
Event	24	Crew Leave Location	Crew Leave Location	1/29/2015	16:00:00	USER				This job was completed safely by Denny Elder and Crew. Thanks for choosing Halliburton Cementing.

## 4.0 Attachments

### 4.1 Case 1-Custom Results.png

