

# Casing Cementing



Company: ENCANA USA - DENVER, FOR XML BILLINGS  
ONLY (EDI)

Well Name: Billings 3A 18H #0631455000

Field: DJ

County: Weld

State: CO

Date: 10/21/2014

Well Location:

Well Number (API): 05123369830000

Proposal Number: 3

Contact: Kellan Kamerzel

Made By: Jeff Eulberg

Service from District: Cheyenne, WY

District Phone: (303) 486-3245

Objective: Previous Casing: 7550'

Top of Cement(previous casing - 2000'): 5550'

OH Excess: 20%

TD: 14,050' (7070')

**Bring extra iron for rotating cement head**

**Bring 15 lbs D800 for Displacement**

**CemNET in all Cement 2 lb/bbl**

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# Schlumberger



## FLUID SYSTEMS

MUDPUSH Express			
<b>System</b>	MUDPUSH Express		
<b>Density</b>	13.60 lb/gal		
<b>Total Volume</b>	40.0 bbl		
<b>Additives</b>	<b>Code</b>	<b>Description</b>	<b>Concentration</b>
	B389 D031	Cementing Additive B389 Weighting Agent	1.75 lb/bbl BW/V.Spacer 6848.8 lb/mgal

14.0# Lateral Cement (613 sacks, 75.0 lb per sack of Blend)			
<b>System</b>	Conventional		
<b>Density</b>	14.00 lb/gal		
<b>Yield</b>	1.55 ft <sup>3</sup> /sk		
<b>Mix Water</b>	7.085 gal/sk		
<b>Mix Fluid</b>	7.085 gal/sk		
<b>Total Volume</b>	169.2 bbl		
<b>Additives</b>	<b>Code</b>	<b>Description</b>	<b>Concentration</b>
	D049	Cement	75.00 lb/sk WBWOB
	D066	Silica	35.00 % BWOB
	B477	Mid Range Fluid Loss Additive B477	0.60 % BWOB
	D198	Retarder	0.25 % BWOB
	D046	Anti Foam	0.50 % BWOB
	D174	Expanding Agent	1.00 % BWOB
	D208	ScavengerPLUS	0.03 % BWOB
	D065	Dispersant	0.63 % BWOB
	D095	CemNET	2.0 lb/bbl

Water	
<b>System</b>	Water
<b>Density</b>	8.32 lb/gal
<b>Total Volume</b>	208.5 bbl

Some of the chemicals specified in this program may have toxic properties. All personnel should be familiar with the inherent dangers and appropriate safeguards to prevent accidental injury. Use of the chemicals may be governed by certain laws and regulations and should only be used in accordance with such. Please refer to the MSDS sheets for the recommended safety precautions and required minimum personal protective equipment.