

ENCANA OIL & GAS (USA) INC. - EBUS
DO NOT MAIL-3601 N STAGECOACH RD
LONGMONT, Colorado

WANDELL
Wandell 2-8-7

Ensign 122

Post Job Summary

Cement Surface Casing

Prepared for: Kevin Brakobec
Date Prepared: 6/23/2010
Version: 1

Service Supervisor: COLLINS, IRVIN

Submitted by: Mark Sauter

HALLIBURTON

The Road to Excellence Starts with Safety

Sold To #: 340078		Ship To #: 2789939		Quote #:		Sales Order #: 7440608	
Customer: ENCANA OIL & GAS (USA) INC. - EBUS				Customer Rep: Pilcher, Ed			
Well Name: Wandell			Well #: 2-8-7			API/UWI #: 05-123-31040-00	
Field: WATTENBERG		City (SAP): FIRESTONE		County/Parish: Weld		State: Colorado	
Contractor: Ensign			Rig/Platform Name/Num: #122				
Job Purpose: Cement Surface Casing							
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: FLING, MATTHEW			Srv Supervisor: COLLINS, IRVIN			MBU ID Emp #: 401749	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
COLLINS, IRVIN Douglas		401749	THOMPSON, STEVEN Darrin		445340	VIGIL, DANIEL Paul		471469

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10866493C	15 mile	10988836C	15 mile	11142998	15 mile	11488570C	15 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours

TOTAL	Total is the sum of each column separately							
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Job

Formation Name					Job Times			
Formation Depth (MD)	Top	Bottom			Called Out	Date	Time	Time Zone
Form Type	BHST				On Location	16 - Jun - 2010	04:00	MST
Job depth MD	670. m		Job Depth TVD	670. m	Job Started	16 - Jun - 2010	12:34	MST
Water Depth			Wk Ht Above Floor	4. m	Job Completed	16 - Jun - 2010	13:23	MST
Perforation Depth (MD)	From	To			Departed Loc	16 - Jun - 2010	14:00	MST

Well Data

Description	New / Used	Max pressure MPa	Size mm	ID mm	Weight kg/m	Thread	Grade	Top MD m	Bottom MD m	Top TVD m	Bottom TVD m
Open Hole				12.25				.	680.	.	680.
Surface Casing	New		8.625	8.097	24.		J-55	.	670.	.	670.

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

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 kg/m3	Yield m3/sk	Mix Fluid m3/tonne	Rate m3/min	Total Mix Fluid m3/tonne		

Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density kg/m3	Yield m3/sk	Mix Fluid m3/tonne	Rate m3/min	Total Mix Fluid m3/tonne	
1	Water Spacer		10.00	bbl	8.33	.0	.0	5.0		
2	Lead Cement	SWIFTCEM (TM) SYSTEM (452990)	230.0	sacks	14.2	1.51	7.53	5.0	7.53	
7.53 Gal		FRESH WATER								
3	Water Displacement		40.00	bbl	8.33	.0	.0	5.0		
Calculated Values		Pressures		Volumes						
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad		
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment		
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job		
Rates										
Circulating		Mixing		Displacement		Avg. Job				
Cement Left In Pipe	Amount	38 ft	Reason	Shoe Joint						
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID			
The Information Stated Herein Is Correct				Customer Representative Signature						

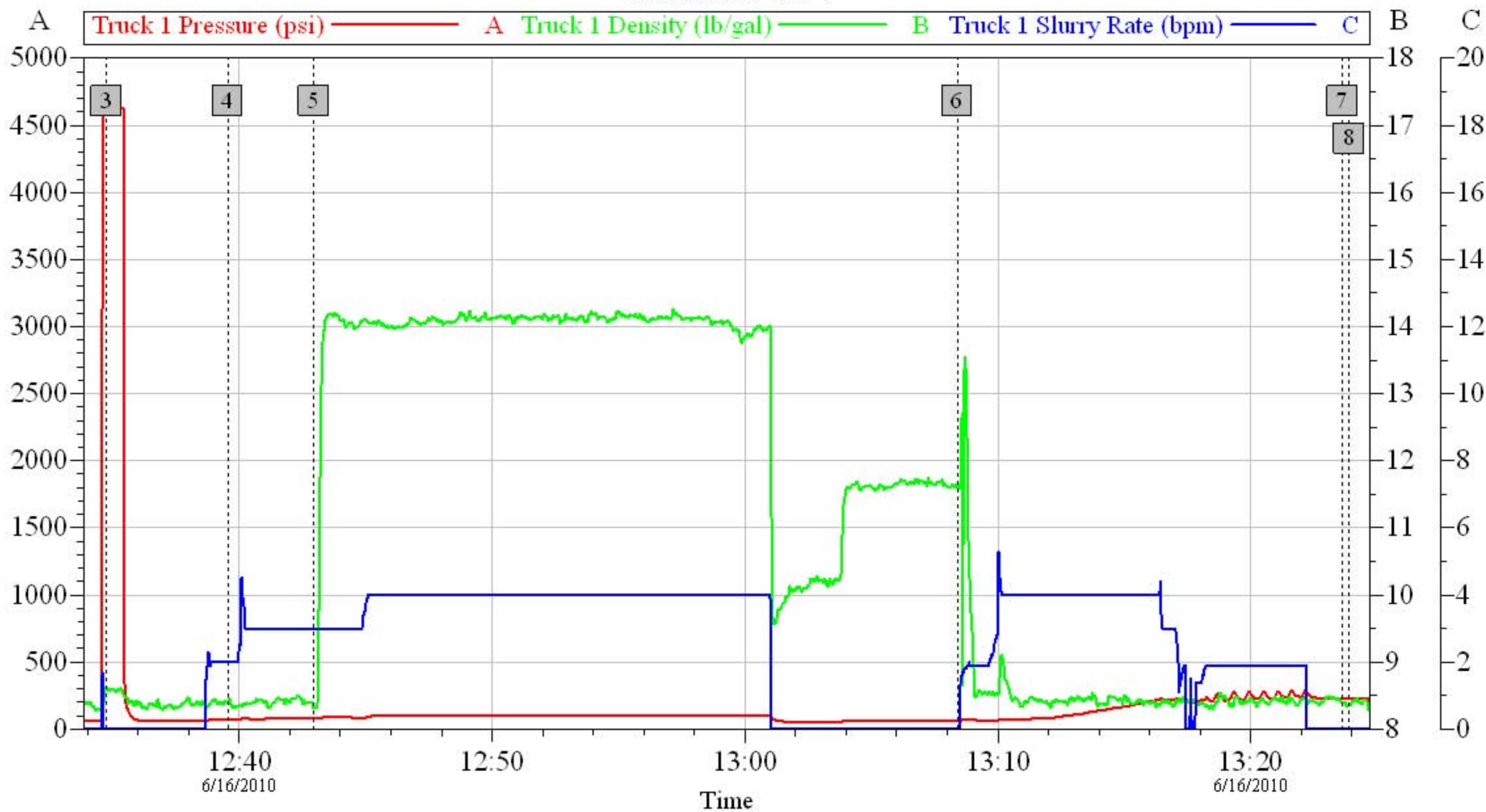
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Customer: ENCANA OIL & GAS (USA) INC. - EBUS		Customer Rep: Pilcher, Ed	
Well Name: Wandell	Well #: 2-8-7	API/UWI #: 05-123-31040-00	
Field: WATTENBERG	City (SAP): FIRESTONE	County/Parish: Weld	State: Colorado
Legal Description:			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: Ensign		Rig/Platform Name/Num: #122	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: FLING, MATTHEW		Srvc Supervisor: COLLINS, IRVIN	MBU ID Emp #: 401749

Activity Description	Date/Time	Cht #	Rate m3/min	Volume m3		Pressure MPa		Comments
				Stage	Total	Tubing	Casing	
Arrive At Loc	06/16/2010 04:30							Company man wants no more than 5bbls' per min and keep pressure below lift.
Safety Meeting	06/16/2010 12:00							
Test Lines	06/16/2010 12:34							
Pump Spacer 1	06/16/2010 12:39		0.79	1.59	1.59		.7	RIG WATER MIXED WITH RED DYE
Pump Cement	06/16/2010 12:42		0.79	9.86	11.45		.8	230SK'S OF SWIFCEM AT 14.2# MIXED WITH RIG WATER
Shutdown	06/16/2010 13:07							
Drop Top Plug	06/16/2010 13:07							
Pump Displacement	06/16/2010 13:08		0.79	6.36	17.81		1.0	RIG WATER
Shut In Well	06/16/2010 13:23						2.0	27bbl's into displacing got cement back to the pit.
End Job	06/16/2010 13:23							

ENCANA SURFACE

WANDELL 2-8-7



Global Event Log

3	Test Lines	12:34:45	4	Pump Spacer 1	12:39:33	5	Pump Lead Cement	12:42:57
6	Pump Displacement	13:08:24	7	Shut In Well	13:23:38	8	End Job	13:23:53

Customer: ENCANA
Well Description: SURFACE

Job Date: 16-Jun-2010
UWI: #05-123-31040-00

Sales Order #: 7440608

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