

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

Sprague 4-8-9

122

Post Job Summary

Cement Surface Casing

Prepared for: Kevin Brakovec
Date Prepared: 7/11/2010
Version: 1

Service Supervisor: KELEHER, JASON

Submitted by: Mark Sauter

HALLIBURTON

The Road to Excellence Starts with Safety

Sold To #: 340078		Ship To #: 2793252		Quote #:		Sales Order #: 7479578	
Customer: ENCANA OIL & GAS (USA) INC. - EBUS				Customer Rep: HOPE, CRAIG			
Well Name: Sprague			Well #: 4-8-9			API/UWI #:	
Field:		City (SAP): FORT LUPTON		County/Parish: Weld		State: Colorado	
Contractor: ?			Rig/Platform Name/Num: # 122				
Job Purpose: Cement Surface Casing							
Well Type: Development Well				Job Type: Cement Surface Casing			
Sales Person: FLING, MATTHEW			Srvc Supervisor: KELEHER, JASON			MBU ID Emp #: 437348	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
HALE, ROBERT E		470588	KELEHER, JASON E		437348	KELEHER, TRENA Lynn		411905
OZBUN, RYAN		475709	VIGIL, DANIEL Paul		471469			

Equipment

HES Unit #	Distance-1 way						
10025030	12 mile	10829456	12 mile	11019275C	12 mile	11410470C	12 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*

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
					02 - Jul - 2010	23:30	MST
Form Type	BHST			On Location	03 - Jul - 2010	02:10	MST
Job depth MD	820. m	Job Depth TVD		Job Started	03 - Jul - 2010	05:25	MST
Water Depth		Wk Ht Above Floor		Job Completed	03 - Jul - 2010	06:15	MST
Perforation Depth (MD)	From	To		Departed Loc	03 - Jul - 2010	07:00	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				.	830.		
Surface Casing	New		8.625	8.097	24.	8 RD	J-55	.	820.		

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

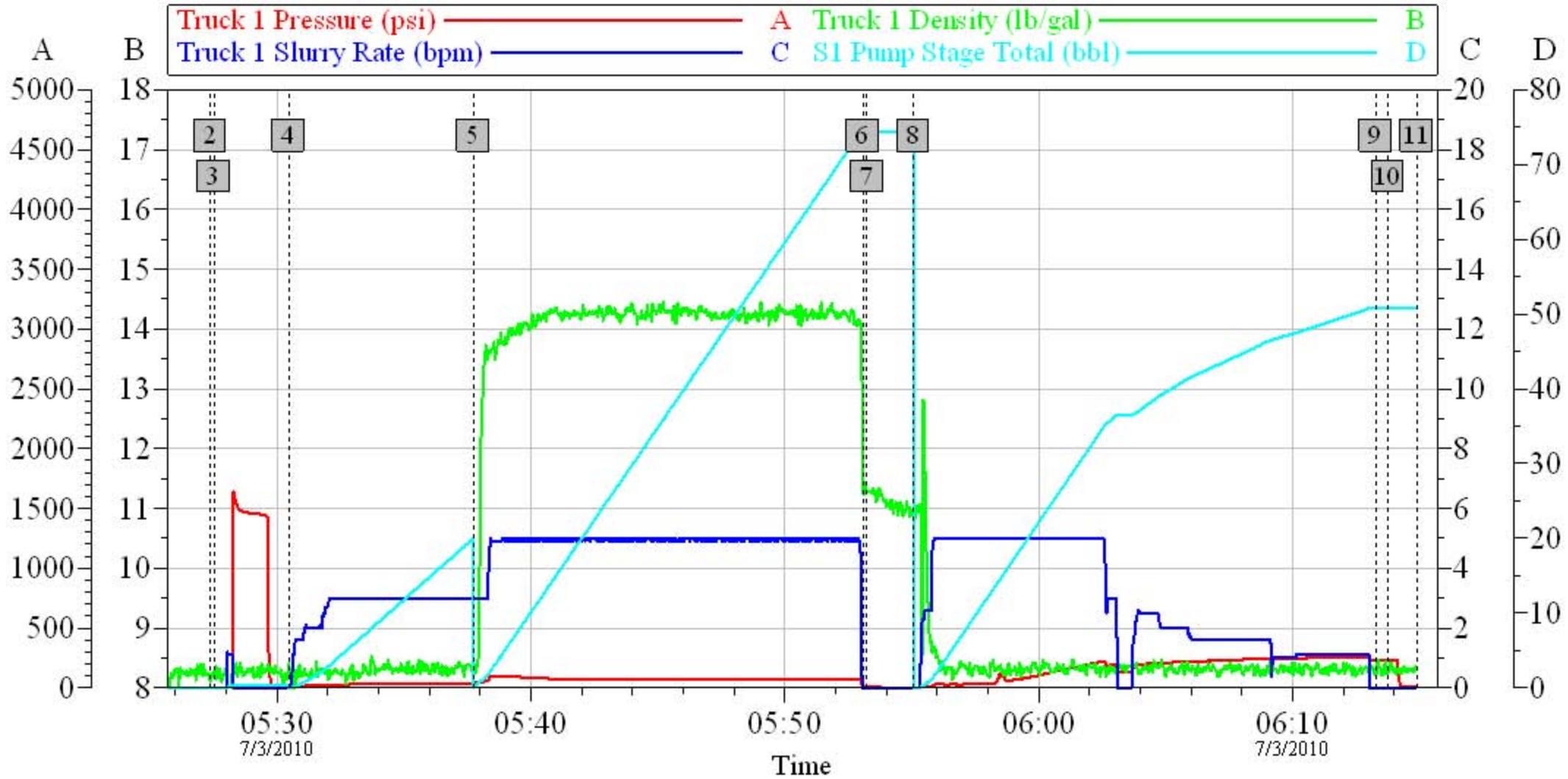
Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density kg/m3	Yield m3/sk	Mix Fluid m3/tonne	Rate m3/min	Total Mix Fluid m3/tonne	
1	Water Spacer		20.00	bbl	8.33	.0	.0	5.0		
2	Lead Cement	SWIFCEM (TM) SYSTEM (452990)	280.0	sacks	14.2	1.51	7.53	5.0	7.53	
7.53 Gal		FRESH WATER								
3	Water Displacement		50.00	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	34 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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Field:		City (SAP): FORT LUPTON		County/Parish: Weld		State: Colorado	
Legal Description:							
Lat:				Long:			
Contractor: ?			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: KELEHER, JASON		MBU ID Emp #: 437348		

Activity Description	Date/Time	Cht #	Rate m3/min	Volume m3		Pressure MPa		Comments
				Stage	Total	Tubing	Casing	
Arrive at Location from Service Center	07/03/2010 02:10							
Assessment Of Location Safety Meeting	07/03/2010 02:15							
Test Lines	07/03/2010 05:29							PT 1500 PSI
Pump Spacer 1	07/03/2010 05:32		0.48	3.18			.3	RIG WATER WITH RED DYE
Pump Cement	07/03/2010 05:39		0.79	11.93			.6	280 SKS SWIFTCEM MIXED AT 14.2 PPG WITH RIG WATER
Shutdown	07/03/2010 05:54							
Drop Plug	07/03/2010 05:55							
Pump Displacement	07/03/2010 05:56		0.64	7.95			1.9	RIG WATER
Shut In Well	07/03/2010 06:14						1.7	GOOD RETURNS THROUGHOUT JOB. AT 36 BBLS OF DISPLACEMENT AWAY CEMENT TO SURFACE
End Job	07/03/2010 06:15							

ENCANA SURFACE SPRAGUE 4-8-9



Global Event Log

1	Starting Job	04:53:12	2	Start Job	05:27:22	3	Test Lines	05:27:31
4	Pump Spacer 1	05:30:27	5	Pump Cement	05:37:44	6	Shutdown	05:53:05
7	Drop Plug	05:53:14	8	Pump Displacement	05:55:04	9	Shut In Well	06:13:17
10	End Job	06:13:45	11	Ending Job	06:14:54			

Customer:	ENCANA	Job Date:	03-Jul-2010	Sales Order #:	7479578
Well Description:	SURFACE	UWI:	05-123-30824-00		