

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

Davis 1C-9H

Ensign/124

Post Job Summary **Cement Surface Casing**

Date Prepared: 5/7/12
Version: 1

Service Supervisor: SIPNEFSKI, ROBERT

Submitted by: KENNEDY, HERRON

HALLIBURTON

HALLIBURTON

Wellbore Geometry

Job Tubulars					MD		Excess	Shoe Joint Length ft
Type	Description	Size in	ID in	Wt lbm/ft	Top ft	Bottom ft	%	
Casing	9 5/8" Surface Casing	9.63	8.835	40.00	0.00	1,000.00	40.00	45.00
Open Hole Section	Open Hole		12.250		0.00	1,000.00	0.00	0.00

HALLIBURTON

Pumping Schedule

Stage /Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Surface Volume	Downhole Volume
1	1	Spacer	Fresh Water	8.34	30.0 bbl	30.0 bbl
1	2	Cement Slurry	SwiftCem 14.2#	14.20	285.0 sacks	285.0 sacks

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump	Pressure (psig)	Comments
04/11/2012 05:00		Arrive at Location from Service Center					HELD PRE-RIG UP SAFETY MEETING, ASSESS LOCATION FOR HAZARDS.
04/11/2012 10:00		Rig-Up Equipment					
04/11/2012 11:10		Safety Meeting					HELD SAFETY MEETING WITH ALL 3RD PARTY PERSONNEL.
04/11/2012 11:38		Start Job					
04/11/2012 11:41		Test Lines				2361.0	
04/11/2012 11:42		Pump Spacer 1	5.5	30		75.0	PUMPED 30BBL OF WATER WITH RED DYE. REQUESTED BY CUSTOMER. WATER SUPPLIED BY RIG.
04/11/2012 11:48		Pump Cement	4	76		108.0	PUMPED 285SKS OF SWIFTCM CMT. @ 14.2PPG MIXED WITH WATER SUPPLIED BY RIG.
04/11/2012 12:09		Shutdown					
04/11/2012 12:12		Drop Top Plug					
04/11/2012 12:12		Pump Displacement	5	70		67.0	PUMPED 70BBL OF WATER SUPPLIED BY RIG. HAD 18BBL OF CMT BACK TO PITS.
04/11/2012 12:36		Bump Plug	2			968.0	
04/11/2012 12:38		Other					CHECK FLOATS, FLOATS HELD.
04/11/2012 12:38		End Job					HELD PRE-RIG DOWN SAFETY MEETING. PREPARE FOR DEPARTURE.

The Road to Excellence Starts with Safety

Sold To #: 340078		Ship To #: 2920062		Quote #:		Sales Order #: 9428745	
Customer: ENCANA OIL & GAS (USA) INC. - EBUS				Customer Rep:			
Well Name: Davis			Well #: 1C-9H			API/UWI #: 05-123-35366	
Field: Wattenberg		City (SAP): FORT LUPTON		County/Parish: Weld		State: Colorado	
Contractor: Ensign			Rig/Platform Name/Num: 124				
Job Purpose: Cement Surface Casing							
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: FLING, MATTHEW			Srvc Supervisor: SIPNEFSKI, ROBERT			MBU ID Emp #: 419391	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
HALE, ROBERT E	0.0	470588	MARKOVICH, STEVEN Michael	0.0	502964	SIPNEFSKI, ROBERT Anthony	0.0	419391

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10246780C	13 mile	10804557C	13 mile	10951208	13 mile	11362287C	13 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

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	11 - Apr - 2012	01:00	MST
Form Type	BHST		Job Started	11 - Apr - 2012	05:00	MST
Job depth MD	1000. ft	Job Depth TVD	Job Completed	11 - Apr - 2012	11:38	MST
Water Depth		Wk Ht Above Floor	Departed Loc	11 - Apr - 2012	12:38	MST
Perforation Depth (MD)	From	To		11 - Apr - 2012	13:45	MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Open Hole				12.25				.	1000.	.	.
9 5/8" Surface Casing	New		9.625	8.835	40.		N-80	.	1000.	.	.

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	

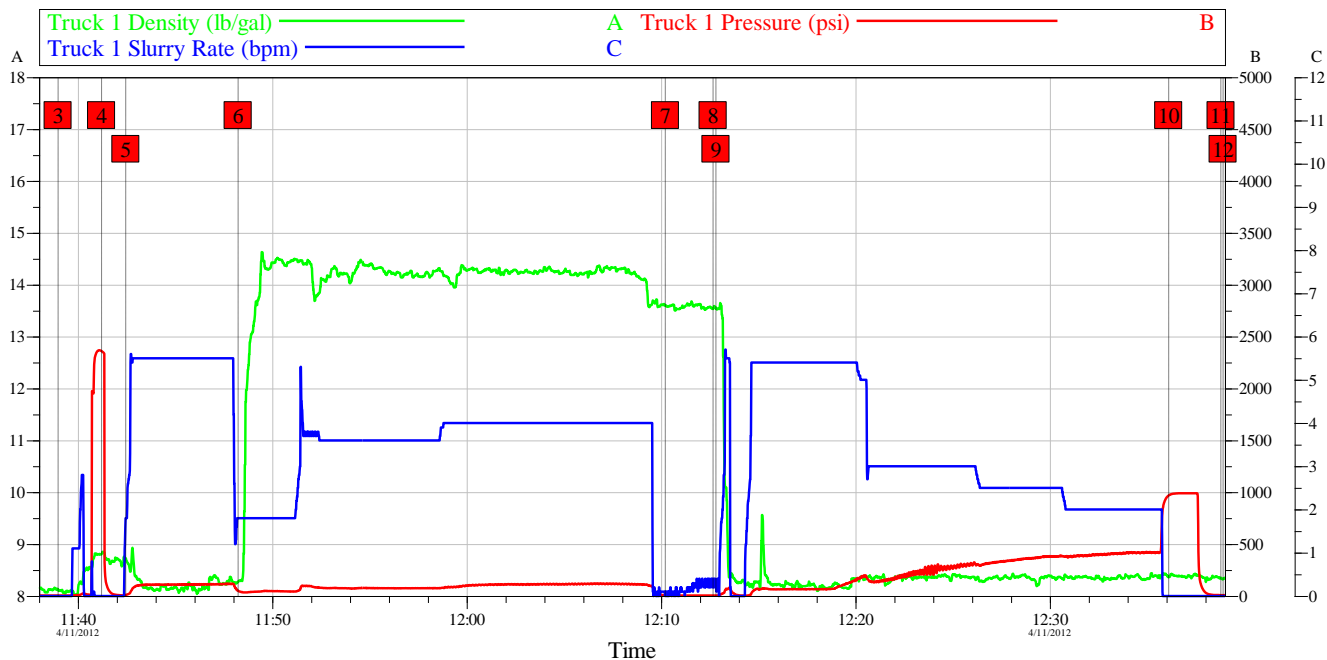
Fluid Data

Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	Fresh Water		30.00	bbl	8.34	.0	.0	.0		
2	SwiftCem 14.2#	SWIFTCEN (TM) SYSTEM (452990)	285.0	sacks	14.2	1.49	7.43		7.43	
7.43 Gal		FRESH WATER								
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	45 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						

HALLIBURTON

Data Acquisition

ENCANA OIL & GAS 9.625 SURFACE DAVIS 1C-9H



Global Event Log

Intersection	TIP	Intersection	TIP	Intersection	TIP
3 Start Job	11:38:59 4.000	4 Test Lines	11:41:13 2361	5 Pump Spacer 1	11:42:27 10.42
6 Pump Cement	11:48:14 51.60	7 Shutdown	12:10:13 7.000	8 Drop Top Plug	12:12:40 5.000
9 Pump Displacement	12:12:49 5.000	10 Bump Plug	12:36:06 968.4	11 Other	12:38:48 8.000
12 End Job	12:38:54 8.000				

Customer:	Job Date: 11-Apr-2012	Sales Order #: 9428745
Well Description:	UWI:	

OptiCem v6.4.10
11-Apr-12 12:44