

HALLIBURTON

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

Aristocrat Angus 6-4-10

ENSIGN #17

Post Job Summary Cement Surface Casing

Prepared for: Kevin Brakovec
Date Prepared: 6/3/2010
Version: 1

Service Supervisor: Lou Patterson

Submitted by: Wes Aaron

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Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump	Pressure (psig)	Comments
05/27/2010 05:30		Arrive at Location from Service Center					
05/27/2010 06:30		Pre-Rig Up Safety Meeting					
05/27/2010 06:35		Rig-Up Equipment					
05/27/2010 07:30		Pre-Job Safety Meeting					
05/27/2010 07:45		Start Job					
05/27/2010 07:46		Test Lines					3000 PSI
05/27/2010 07:47		Pump Spacer	4	20		52.0	20 BBL RED RIG WATER
05/27/2010 07:52		Pump Cement	5.5	67.2		91.0	250 SKS 67.2 BBL SWIFTCEM @ 14.2 PPG
05/27/2010 08:07		Drop Top Plug					HES TOP PLUG 8 5/8
05/27/2010 08:08		Pump Displacement	5.5	44.5		250.0	44.5 BBL RIG WATER
05/27/2010 08:20		Other	3	44.5		255.0	SPOT PLUG 46.11 FEET FROM BOTTOM GOT BACK 9.5 BBL CMT
05/27/2010 08:21		End Job					
05/27/2010 08:25		Post-Job Safety Meeting (Pre Rig-Down)					
05/27/2010 08:35		Rig-Down Equipment					
05/27/2010 09:20		Depart Location Safety Meeting					
05/27/2010 09:35		Depart Location for Service Center or Other Site					THANKS LOU AND CREW

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Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 340078		Ship To #: 2786427		Quote #:		Sales Order #: 7397854	
Customer: ENCANA OIL & GAS (USA) INC. - EBUS				Customer Rep:			
Well Name: Aristocrat Angus			Well #: 6-4-10		API/UWI #:		
Field: WATTENBERG		City (SAP): FORT LUPTON		County/Parish: Weld		State: Colorado	
Contractor: ENSIGN			Rig/Platform Name/Num: # 17				
Job Purpose: Cement Surface Casing							
Well Type: Development Well				Job Type: Cement Surface Casing			
Sales Person: FLING, MATTHEW			Srvc Supervisor: PATTERSON, HARRY		MBU ID Emp #: 359371		

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
PATTERSON, HARRY Louis		359371	SIPNEFSKI, ROBERT Anthony		419391	SNYDER, JONATHAN Leroy		435616
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
10829456	28 mile	11064046	28 mile	11410470C	28 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
					27 - May - 2010	03:30	MST
Form Type			BHST	On Location	27 - May - 2010	05:30	MST
Job depth MD	746. ft		Job Depth TVD	Job Started	27 - May - 2010	07:45	MST
Water Depth			Wk Ht Above Floor	Job Completed	27 - May - 2010	08:21	MST
Perforation Depth (MD)	From		To	Departed Loc	27 - May - 2010	09:35	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					700.		
Surface Casing	New		8.625	8.097	24.		J-55		700.		

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			

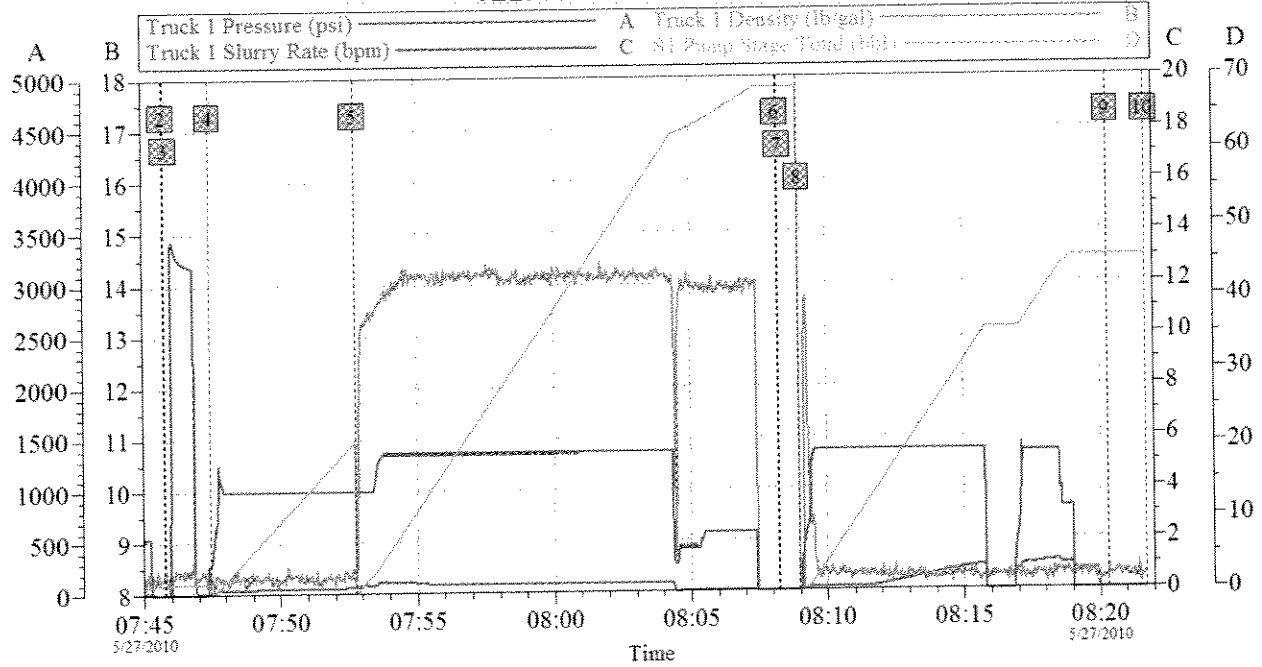
Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Flid	Conc	Inhibitor	Conc	Sand Type	Size	Conc	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	Water Spacer		20.00	bbl	8.33	.0	.0	5.0		
2	Lead Cement	SWIFCEM (TM) SYSTEM (452990)	250.0	sacks	14.2	1.51	7.53	5.0	7.53	
	2 %	CAL-SEAL 60, 50 LB BAG (101217146)								
	2 %	ECONOLITE (100001580)								
	0.2 %	VERSASET, 55 LB SK (101376573)								
	7.53 Gal	FRESH WATER								
3	Water Displacement		45.00	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	44 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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ENCANA 5/27/10 SURFACE ARISTOCRAT ANGUS 4-6-10



Global Event Log			
Start Job	07:45:44	Test Lines	07:45:48
Pump Cement	07:52:45	Shutdown	08:08:12
Pump Displacement	08:08:58	End Job	08:20:19
		Pump Spacer 1	07:47:26
		Drop Top Plug	08:08:17
		Ending Job	08:21:44

Customer:	Job Date: 27-May-2010	Sales Order #: 7397854
Well Description:	UWI:	

OptiCem v6.4.2
27-May-10 08:27