

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

SPRAGUE 2-8-9

ENSIGN #17

Post Job Summary

Cement Surface Casing

Prepared for:	Kevin Brakovec
Date Prepared:	7/6/2010
Version: 1	

Service Supervisor: Jason Keleher

Submitted by: Wes Aaron

HALLIBURTON

HALLIBURTON

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump		Pressure (psig)		Comments
06/28/2010 02:00		Arrive at Location from Service Center							
06/28/2010 02:10		Assessment Of Location Safety Meeting							
06/28/2010 04:18		Test Lines							PT 1980 PSI
06/28/2010 04:21		Pump Spacer 1	3	10				54.0	RIG WATER WITH RED DYE
06/28/2010 04:25		Pump Cement	5	74				87.0	275 SKS SWIFTCEM MIXED AT 14.2# WITH RIG WATER
06/28/2010 04:44		Shutdown							
06/28/2010 04:44		Drop Plug							
06/28/2010 04:45		Pump Displacement	3	49				295.0	RIG WATER
06/28/2010 05:03		Shut In Well							GOOD RETURNS THROUGHOUT JOB. AT 29 BBLS AWAY OF DISPLACEMENT CEMENT TO SURFACE
06/28/2010 05:05		End Job							

The Road to Excellence Starts with Safety

Sold To #: 340078	Ship To #: 2792626	Quote #:	Sales Order #: 7470837
Customer: ENCANA OIL & GAS (USA) INC. - EBUS		Customer Rep: PILCHER, ED	
Well Name: SPRAGUE		Well #: 2-8-9	API/UWI #:
Field: WATTENBERG	City (SAP): FIRESTONE	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: 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 #
HUFF, DAVID Randall		468612	KELEHER, JASON E		437348	SIPNEFSKI, ROBERT Anthony		419391

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10829456	15 mile	11019824C	15 mile	11341988C	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	28 - Jun - 2010	02:00	MST
Job depth MD	813. ft		Job Depth TVD	813. ft	Job Started	28 - Jun - 2010	04:15	MST
Water Depth	Wk Ht Above Floor				Job Completed	28 - Jun - 2010	05:05	MST
Perforation Depth (MD)	From		To		Departed Loc	28 - Jun - 2010	06:00	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				.	820.		
Surface Casing	New		8.625	8.097	24.	8 RD	J-55	.	813.		

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	Water Spacer		10.00	bbl	8.33	.0	.0	5.0	
2	Lead Cement	SWIFTCEM (TM) SYSTEM (452990)	275.0	sacks	14.2	1.51	7.53	5.0	7.53
7.53 Gal		FRESH WATER							
3	Water Displacement		49.00	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					

