

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 340078		Ship To #: 2937774		Quote #:		Sales Order #: 9671164							
Customer: ENCANA OIL & GAS (USA) INC. - EBUS				Customer Rep: Stapleton, Kirk									
Well Name: Jasper 12V			Well #: 1		API/UWI #: 15-101-22381								
Field:		City (SAP): DIGHTON		County/Parish: Lane		State: Kansas							
Legal Description: Section 12 Township 20S Range 29W													
Contractor: Precision			Rig/Platform Name/Num: 207										
Job Purpose: Cement Intermediate Casing													
Well Type: Development Well				Job Type: Cement Intermediate Casing									
Sales Person: DAIGLE, COLTER			Srvc Supervisor: VILLARREAL, ARTURO			MBU ID Emp #: 106127							
Job Personnel													
HES Emp Name		Exp Hrs	Emp #	HES Emp Name		Exp Hrs	Emp #						
DALRYMPLE, BRIAN Kieth		10	456242	MENDOSA, VICTOR		10	442596						
				VILLARREAL, ARTURO		10	106127						
Equipment													
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way						
10025025	165 mile	10240236	165 mile	10872308	165 mile	11288858	165 mile						
11706673	165 mile												
Job Hours													
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours						
7-17-12	4	0	7-18-12	6	3								
TOTAL				Total is the sum of each column separately									
Job				Job Times									
Formation Name				Date	Time	Time Zone							
Formation Depth (MD) Top		Bottom		Called Out									
Form Type		BHST		On Location									
Job depth MD		5174.6 ft		Job Depth TVD		5171. ft							
Water Depth		Wk Ht Above Floor		Job Started									
Perforation Depth (MD) From		To		Job Completed		26 - Jun - 2012 02:00 GMT							
Deparated Loc													
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		
Intermediate Open Hole				8.75				750.	5211.	.	.		
Intermediate Casing	Unknown		7.	6.366	23.		N-80	..	5211.	.	.		
Surface Casing	Unknown		9.625	8.921	36.			.	2132.				
Sales/Rental/3rd Party (HES)													
Description						Qty	Qty uom	Depth	Supplier				
PLUG,CMTG, TOP,7,HWE,5.66 MIN/6.54 MAX CS						1	EA						
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	

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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	Standard	CMT - STANDARD CEMENT (100003684)	205.0	sacks	15.6	1.18	5.2		5.2	
	94 lbm	CMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)								
	0.25 lbm	POLY-E-FLAKE (101216940)								
	5.204 Gal	FRESH WATER								
Calculated Values			Pressures			Volumes				
Displacement	196	Shut In: Instant		Lost Returns	N	Cement Slurry	43	Pad		
Top Of Cement	3625	5 Min		Cement Returns	N	Actual Displacement	196	Treatment		
Frac Gradient		15 Min		Spacers	5	Load and Breakdown		Total Job		
Rates										
Circulating		Mixing	5	Displacement	5	Avg. Job	5			
Cement Left In Pipe	Amount	40 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 <i>Curt Septelo</i>						

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Cementing Job Log

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Well Name: Jasper 12V	Well #: 1	API/UWI #: 15-101-22381	
Field:	City (SAP): DIGHTON	County/Parish: Lane	State: Kansas
Legal Description: Section 12 Township 20S Range 29W			
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: Precision	Rig/Platform Name/Num: 207		
Job Purpose: Cement Intermediate Casing			Ticket Amount:
Well Type: Development Well	Job Type: Cement Intermediate Casing		
Sales Person: DAIGLE, COLTER	Srv Supervisor: VILLARREAL, ARTURO	MBU ID Emp #: 106127	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	07/17/2012 14:30							GO OVER ROUT
Arrive at Location from Other Job or Site	07/17/2012 19:45							LOOK OVER FOR HAZARDS , PINCH POINTS TRIPPING HAZARDS OVER HEAD
Safety Huddle	07/17/2012 20:00							TEST WATER GOOD , TP=5174.63 , TD= 5171 , SHOE = 43.14 , HOLE 8 3/4 , PW-26 # N-80 , EX=9 5/8 ,2130, MUD 9.1 #
Rig-Up Equipment	07/17/2012 20:30							USE SPOTTERS
Safety Meeting	07/18/2012 02:55							STAY AWAY FROM LINES , ANY MAN HAS THE RIGHT TO SHUT JOB DOWN IF UNSAFE ,MAN LOOKING FOR RETURES, TOTAL WATER FOR JOB 200 BBLs
Test Lines	07/18/2012 03:02						3500.0	
Pump Spacer 1	07/18/2012 03:10		2	5			150.0	FRESH WATER
Pump Cement	07/18/2012 03:12		5	43			365.0	205 SKS @ 15.6 # TOP OF CMT 3625 FT , CASING BERST WITH 80 % =5792 26 # N-80
Drop Top Plug	07/18/2012 03:24							
Pump Displacement	07/18/2012 03:26		4	196			850.0	FRESH WATER 1.6 BBLs IN SHOE

Sold To # : 340078

Ship To # :2936581

Quote # :

Sales Order # : 9671164

SUMMIT Version: 7.3.0030

Wednesday, July 18, 2012 04:45:00

HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Bump Plug	07/18/2012 04:15		3	20			1200. 0	TO 1775 PSI
Check Floats	07/18/2012 04:17							FLOATS HELD GOT 1 BBL BACK
Safety Huddle	07/18/2012 04:25							PINCH POINTS TRIPPING HAZARDS
Rig-Down Equipment	07/18/2012 04:30							USE FORK LEFT ,SPOTTERS
Depart Location Safety Meeting	07/18/2012 06:00							THANKS FOR USING HALLIBURTON

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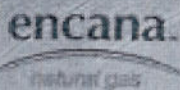
Quote # :

Sales Order # :

9671164

SUMMIT Version: 7.3.0030

Wednesday, July 18, 2012 04:45:00



EMERGENCY RESPONSE PLAN
U.S.A. DIVISION

EMERGENCY RESPONSE TRAINING REPORT

Document No:
ERP-0013
Revised By/Date:
Reviewed By/Date:
ERPComm/05.14.10
Approved By/Date:
ERPComm/05.14.10

Location: Ridge Date 30 AUG 11 Time 0800-1400

Topic: ERP-Advanced ICS ENC 310 Duration of Training

Instructor: J. MAUNNEY / C. CASAVAN Company: Encana

Meeting Type: Training Committee Meeting Look-Back/Lessons Learned Other (Explain):

Discipline Hosting

Drilling Completions Operations Construction Other

SUMMARY OF MEETING (must provide overall understanding of material presented or discussed)

PRESENTATION OF ADVANCED ICS + ERP TRAINING FOR ENCANIA

ATTENDANCE ROSTER (use separate sheet, if necessary)

Printed Name	Job Title	ERP Role	Signature
1. <u>NERISSA MONKES</u>	<u>ETS Field Tech</u>	<u>S.O. (interim)</u>	<u>[Signature]</u>
2. <u>DUSTY VASCOGN</u>	<u>Lease operator</u>	<u>First Responder - IC</u>	<u>[Signature]</u>
3. <u>MARK WELTON</u>	<u>LEASE OPERATOR</u>	<u>FIRST RESPONDER - IC</u>	<u>[Signature]</u>
4. <u>Randy Thomas</u>	<u>Lead Operator</u>	<u>First Responder - IC</u>	<u>[Signature]</u>
5. <u>Kenneth Wood</u>	<u>SWAT Lead</u>	<u>First Responder - IC</u>	<u>[Signature]</u>
6. <u>RICK STARRICK (M)</u>	<u>C.P. Tech</u>	<u>FIRST RESPONDER - IC</u>	<u>[Signature]</u>
7. <u>Weylon Williams</u>	<u>Environment/Lease</u>	<u>Safety officer</u>	<u>[Signature]</u>
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			

ABSENTEES (Provide name of absentee and reason (S - Sick, W - Working, P - Personal, RDO - Regular Day Off, Ex - Excused))

Name	Reason	Name	Reason
<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>