

HALLIBURTON

Cementing Job Summary

Guide Shoe		Packer		Top Plug	9 5/8	1	
Float Shoe		Bridge Plug		Bottom Plug			
Float Collar		Retainer		SSR plug set			
Insert Float				Plug Container	9 5/8	1	
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 ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	ExtendaCem	EXTENDACEM (TM) SYSTEM (452981)	355.0	sacks	12.4	2.1	11.61		11.61
	2 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	11.607 Gal	FRESH WATER							
2	HalCem	HALCEM (TM) SYSTEM (452986)	120.0	sacks	15.6	1.2	5.32		5.32
	2 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	5.319 Gal	FRESH WATER							
3	HalCem	CMT - STANDARD CEMENT (100003684)		sacks	15.6	1.18	5.25		5.25
	94 lbm	CMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)							
	5.245 Gal	FRESH WATER							

Calculated Values

Pressures

Volumes

Displacement	99.5	Shut In: Instant		Lost Returns	0	Cement Slurry	152	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	65	Actual Displacement	99	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	

Rates

Circulating	5	Mixing	5	Displacement	7	Avg. Job	5
Cement Left In Pipe	Amount	42 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



The Road to Excellence Starts with Safety

Sold To #: 340078	Ship To #: 2934397	Quote #:	Sales Order #: 9608573
Customer: ENCANA OIL & GAS (USA) INC. - EBUS		Customer Rep: Scotts, Steve	
Well Name: Pabst Farm 3V	Well #: 1	API/UWI #: 15-135-25397	
Field:	City (SAP): NESS CITY	County/Parish: Ness	State: Kansas
Legal Description: Section 3 Township 18S Range 21W			
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: 209	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: DAIGLE, COLTER		Srvc Supervisor: CHRISTENSEN, STUART	MBU ID Emp #: 476488

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	06/27/2012 08:30							CREW CALLED TO YARD FOR JOB.
Depart Yard Safety Meeting	06/27/2012 10:50							CREW DISCUSSED ROUTE, TRAFFIC, AND SAFETY CONCERNS.
Depart from Service Center or Other Site	06/27/2012 11:00							LEFT YARD FOR LOCATION. CONTACTED JOURNEY MANAGMENT.
Arrive At Loc	06/28/2012 04:00							CREW ARRIVED ON LOCATION
Assessment Of Location Safety Meeting	06/28/2012 04:05							DISCUSSED LOCATION OF RESOURCES, SPOTTING OF VEHICLES AND HAZARDS AROUND LOCATION.
Pre-Rig Up Safety Meeting	06/28/2012 04:10							CREW DISCUSSED HAZARDS, PINCHPOINTS, AND LAY OUT OF RIG UP FOR JOB, INCLUDING NEARBY HAZARDS AND RESOURCES.
Other	06/28/2012 04:20							TALKED WITH COMPANY MAN ABOUT NUMBERS AND RESOURCES. TD: 1338, TP: 1329, PW: 36, GRADE: K-55, OH: 12 1/4 ST: 42, MUD: 9.1
Rig-Up Equipment	06/28/2012 04:30							CREW BEGAN RIGGING UP.

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Rig-Up Completed	06/28/2012 06:45							RIG UP COMPLETED INCLUDING STABBING HEAD AND RIGGING UP IRON ON FLOOR.
Safety Meeting	06/28/2012 06:50							HELD SAFETY MEETING WITH RIG CREW AND HES. DISCUSSED JOB PROCEEDURE, HAZARD AREAS, EMERGENCY RESPONSE INFORMATION, AND SAFETY CONCERNS.
Test Lines	06/28/2012 07:04		1	1			3000.0	TESTED LINES TO 3000 PSI. RESET KICKOUTS TO 2500 PSI. SMALL LEAK ON IRON FOUND ON FIRST TEST. FIXED AND RETEST WAS SUCCESSFUL.
Pump Spacer	06/28/2012 07:12		4	20			77.0	PUMPED 20 BBLS OF FRESH WATER SPACER @ 8.33 PPG.
Pump Lead Cement	06/28/2012 07:18		5	126			120.0	PUMPED 126 BBLS OF LEAD CEMENT MIXED @ 12.4 PPG, 355 SKS.
Pump Tail Cement	06/28/2012 07:43		5	26			144.0	PUMPED 26 BBLS OF TAIL CEMENT MIXED @ 15.6 PPG, 120 SKS.
Shutdown	06/28/2012 07:48							SHUTDOWN TO DROP TOP PLUG.
Drop Top Plug	06/28/2012 07:50							DROPPED TOP PLUG.
Pump Displacement	06/28/2012 07:51		7	99.5			77.0	PUMPED 99.5 BBLS OF FRESH WATER DISPLACEMENT @ 8.33
Cement Returns to Surface	06/28/2012 08:00		7	35			180.0	65 BBLS OF CEMENT RETURNS. TOP OUT CEMENT NO LONGER NEEDED.
Displ Reached Cmnt	06/28/2012 08:03		7	50			240.0	DISPLACEMENT REACHED CEMENT WITH 50 BBLS GONE.
Slow Rate	06/28/2012 08:08		3	90			330.0	SLOWED RATE TO 3 BPM TO BUMP PLUG.

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Bump Plug	06/28/2012 08:10		3	99			1100.0	BUMPED PLUG @ 420 PSI + 500 PSI OVER. 1100 PSI.
Check Floats	06/28/2012 08:12		0	0.5			.0	CHECKED FLOATS. 1/2 BBL BACK.
End Job	06/28/2012 08:15							ENDED JOB
Pre-Rig Down Safety Meeting	06/28/2012 08:25							DISCUSSED PINCH POINTS, SAFETY HAZARDS, AND JOB ASSIGNMENTS.
Rig-Down Equipment	06/28/2012 08:35							BEGAN RIGGING DOWN.
Rig-Down Completed	06/28/2012 09:35							FINISHED RIGGING DOWN EQUIPMENT.
Depart Location Safety Meeting	06/28/2012 09:50							DISCUSSED ROUTE, TRAFFIC, AND SAFETY CONCERNS.
Depart Location for Service Center or Other Site	06/28/2012 10:00							CONTACTED JOURNEY MANAGMENT.
Other	06/28/2012 10:01							THANK YOU FOR CHOOSING HALLIBURTON.

Work Order Contract

Order Number

9608573

TO: HALLIBURTON ENERGY SERVICES, INC. - YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICE PERSONNEL TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO CUSTOMER LISTED BELOW AND DELIVER AND SELL PRODUCTS, SUPPLIES AND MATERIALS FOR THE PURPOSE OF SERVICING:

Well No.	Farm or Lease	County	State	Well Permit Number
1	Pabst Farm 3V	Ness	Kansas	15-135-25397
Customer ENCANA OIL & GAS (USA) INC. - EBUS		Well Owner	Job Purpose Cement Surface Casing	

THIS WORK ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED

A. **CUSTOMER REPRESENTATION** - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton Energy Services, Inc. (hereinafter "Halliburton").

B. **PRICE AND PAYMENT** - The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices of Halliburton are exclusive of any federal, state or municipal taxes which may be imposed on the sale or use of any materials, products or supplies furnished or services performed. Customer agrees to pay such taxes in addition to the prices in Halliburton's price list. If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If Customer has an approved open account, invoices are payable on the twentieth day after the date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, or Halliburton's actual attorney fees, whichever is greater, plus all collection and court costs. Customer agrees that the amount of attorney fees set out herein are reasonable and necessary.

C. **RELEASE AND INDEMNITY** - Customer agrees to RELEASE Halliburton Group from any and all liability for any and all damages whatsoever to property of any kind owned by, in the possession of, or leased by Customer and those persons and entities Customer has the ability to bind by contract or which are co-interest owners or joint ventures with Customer. Customer also agrees to DEFEND, INDEMNIFY, AND HOLD HARMLESS Halliburton Group HARMLESS from and against any and all liability, claims, costs, expenses, attorney fees and damages whatsoever for personal injury, illness, death, property damage and loss resulting from loss of well control, services to control a wild well whether underground or above the surface, reservoir or underground damage, including loss of oil, gas, other mineral substances or water, surface damage arising from underground damage, damage to or loss of the well bore, subsurface trespass or any action in the nature thereof, fire, explosion, subsurface pressure, radioactivity, and pollution and contamination and its cleanup and control.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations will apply even if the liability and claims are caused by the sole, concurrent, active or passive negligence, fault, or strict liability of one or more members of the Halliburton Group, the unseaworthiness of any vessel or any defect in the data, products, supplies, materials or equipment furnished by any member or members of the Halliburton Group whether in the design, manufacture, maintenance or marketing thereof or from a failure to warn of such defect. "Halliburton Group" is defined as Halliburton Energy Services, Inc., its parent, subsidiary, and affiliated companies, insurers and subcontractors and all its/their officers, directors, employees, consultants and agents. Customer's RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations apply whether the personal injury, illness, death, property damage or loss is suffered by one or more members of the Halliburton Group, Customer, or any other person or entity. Customer agrees to support such obligations assumed herein with liability insurance with limits of not less than \$500,000. Customer agrees to name Halliburton Group as named additional insured on all of its general liability policy(s). Customer agrees that its liability under this Contract is not limited by the amounts of its insurance coverage, except where and as may be required by applicable local law for the provisions of this Contract to be enforceable.

D. **EQUIPMENT LIABILITY** - Customer shall at its risk and expense attempt to recover any Halliburton Group equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the current published replacement rate, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton Group. Customer shall be responsible for damage to or loss of Halliburton group equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton group equipment damaged by corrosion or abrasion due to well effluents.

E. **LIMITED WARRANTY** - Halliburton warrants only title to the equipment, products, and materials supplied under this Contract and that same are free from defects in workmanship and materials for thirty (30) days from the date of delivery. **THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE.** Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, **HALLIBURTON IS UNABLE TO GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON GROUP.** Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton Group shall not be liable for and **CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to or caused by the active or passive negligence, fault or strict liability of any member or members of Halliburton Group.** Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

F. **GOVERNING LAW** - The validity, interpretation and construction of this Contract shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

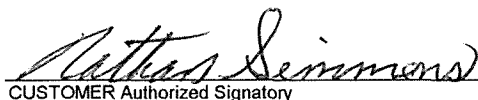
G. **DISPUTE RESOLUTION** Except for Halliburton's statutory rights with regard to collection of past due invoices for services or materials, including the Contractor's statutory rights for perfection and enforcement of mechanics' and materialmen's liens, Customer and Halliburton agree that any dispute that may arise out of the performance of this Contract shall be resolved by binding arbitration by a panel of three arbitrators under the rules of the American Arbitration Association. The arbitration will take place in Houston, TX.

H. **SEVERABILITY** - If any provision or part thereof of this Contract shall be held to be invalid, void, or of no effect for any reason, such holding shall not be deemed to affect the validity of the remaining provisions of this Contract which can be given effect, without the invalid provision or part thereof, and to this end, the provisions of this Contract are declared to be severable. Customer and Halliburton agree that any provision of this Contract that is unenforceable or void under applicable law will be modified to achieve the intent of the parties hereunder to the greatest extent allowed by applicable law.

I. **MODIFICATIONS** - Customer agrees that Halliburton shall not be bound by any modifications to this Contract, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 10200 Bellaire Blvd, Houston, TX 77072-5299.

I HAVE READ AND UNDERSTAND THIS WORK ORDER CONTRACT WHICH CONTAINS RELEASE AND INDEMNITY LANGUAGE WHICH CUSTOMER ACKNOWLEDGES IS CONSPICUOUS AND AFFORDS FAIR AND ADEQUATE NOTICE AND I REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT. I AM SIGNING THIS WORK ORDER CONTRACT WITH THE UNDERSTANDING THAT ITS TERMS AND CONDITIONS WILL NOT APPLY TO THE EXTENT THEY CONFLICT WITH TERMS AND CONDITIONS OF A SIGNED MASTER SERVICE CONTRACT BETWEEN THE PARTIES.

Customer Acceptance of Terms and Conditions, Materials and Services


CUSTOMER Authorized Signatory

6-28-2012
Date