

# CEMENT JOB REPORT



CUSTOMER ENCANA OIL & GAS (USA) INC			DATE 19-MAR-12		F.R. # 1001895863		SERV. SUPV. CHRISTOPHER M MCKEON								
LEASE & WELL NAME ELMQUIST #4-2-23 - API 05123320090000			LOCATION Sec 23 - 2N - 68W			COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton			DRILLING CONTRACTOR RIG # W/O			TYPE OF JOB Squeeze-Top									
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD			
		No Shoe													
<b>PHYSICAL SLURRY PROPERTIES</b>															
MATERIALS FURNISHED BY BJ			LAB REPORT NO.		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT3	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER				
PL+.2%CD32+.7%FL52+.2%ASA301+3%CSE2					150	12.5	2.00	10.90	02:30	53.45	38.93				
Fresh water					0	8.4	0	0	00:00	3					
Fresh Water					0	8.34	0	0	00:00	10					
Mud Clean I					0	8.34	0	0	00:00	0					
Class "G"					125	15.8	1.15	5.00		25.56	14.88				
Fresh water					0	8.3	0	0	00:00	1					
Available Mix Water 150 Bbl.			Available Displ. Fluid 150 Bbl.			TOTAL			93.01		53.81				
HOLE			TBG-CSG-D.P.					COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE			
8.25	0	4600	4	4.5	11.6	CSG	4600	4600	N-80						
			1.38	1.66	2.4	TBG	4600	4600	N-80						
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID					
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.	
8.1	8.63	24	CSG	1080	1080	No packer			0	0	1.315	8RD	KCL WATER	8.4	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE		WGT.	BUMP PLUG	TO REV.		SQ. PSI	RATED	Operator	RATED	Operator			
3	BBLS	Fresh water		8.4	0	0		0	9440	3000	6224	3000	Transport		
		Fresh water		8.3											
<b>Circulation Prior to Job</b>															
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 2 BPM							
Mud Density In: 8.4 LBS/GAL				Mud Density Out: 8.4 LBS/GAL				PV & YP Mud In: 0				PV & YP Mud Out: 0			
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				Units:				Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>							
<b>Displacement And Mud Removal</b>															
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: 0 BBLS											
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL				Method Used to Verify Returns: Visual											
Cement Returns at Surface: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES											
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE															
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Quantity:				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID							
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD															
<b>Plugs</b>															
Number of Attempts by BJ: 0				Competition: 0				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Quantity:			
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES											
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Top of Plug: 0 FT				Bottom of Plug: 0 FT							
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>															
BLOCK SQUEEZE <input type="checkbox"/>				SHOE SQUEEZE <input type="checkbox"/>				TOP OF LINER SQUEEZE <input type="checkbox"/>				PLANNED <input type="checkbox"/> UNPLANNED <input type="checkbox"/>			
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				PSI Applied: 0				Fluid Weight: 0 LBS/GAL			
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>															
Casing Test Pressure: 0 PSI				With 0 LBS/GAL Mud				Time Held: 00 Hours 00 Minutes							
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NA															

# CEMENT JOB REPORT



## Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT	Target EMW: 0 LBS/GAL	Actual EMW: 0 LBS/GAL
Number of Times Tests Conducted: 0	Mud Weight When Test was Conducted: 0 LBS/GAL	
Problems Before Job (I.E. Running Casing, Circulating Well, ETC) NA		
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC) NA		
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC) NA		

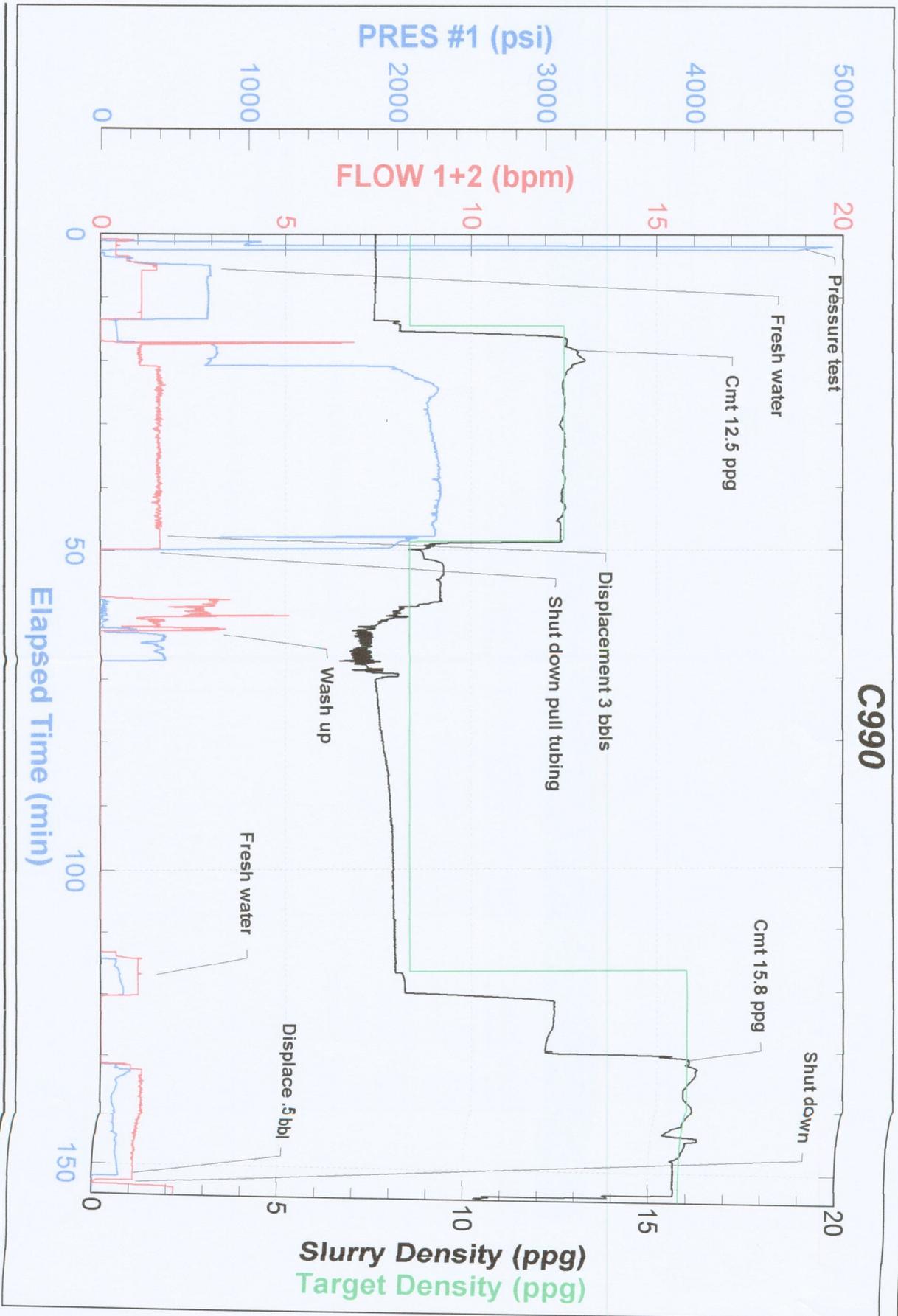
PRESSURE/RATE DETAIL						EXPLANATION		
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>		
	PIPE	ANNULUS				TEST LINES	4930 PSI	
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
08:00	0	0	0	0	NA	Yard call		
11:10	0	0	0	0	NA	Leave District		
11:40	0	0	0	0	NA	Arrive Location		
11:45	0	0	0	0	NA	Spot trucks		
11:50	0	0	0	0	NA	Rig up safety meeting		
13:00	0	0	0	0	NA	Water transport arrives		
13:15	0	0	0	0	NA	Pre job safety meeting		
13:25	1128	0	0	0	H2O	Low pressure test		
13:26	4930	0	0	0	H2O	High pressure test		
13:27	728	0	1.1	10	H2O	Fresh water		
13:41	2268	0	1.6	47	CMT	Batch up, weigh and pump 150 sx PLC + 0.7% FL-52 + 0.2% ASA-301 + 6% Bentonite + 3 lbs/sack CSE-2 + 0.2% CD-32 @ 12.5 ppg.		
14:11	1980	0	1.6	3	H2O	Displace		
14:14	0	0	0	0	NA	Shut down/ Pull tubing/ wash up		
15:17	108	0	1.1	6.5	H2O	Fresh water		
15:35	145	0	1.1	22	CMT	Batch up, weigh and pump 125 ex Class G Cement @ 15.8 ppg		
15:56	135	0	1.1	.5	H2O	Displace		
15:57	0	0	0	0	NA	Shut down/ wash up		
16:00	0	0	0	0	NA	Rig down safety meeting		

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	89	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

X Tandy



BJ Services JobMaster Program Version 3.50  
Job Number: 1001895863  
Customer: EnCana  
Well Name: Elmquist 4-2-23



FIELD RECEIPT NO. 1001895863



CUSTOMER		ENCANA OIL & GAS (USA) INC - X		CREDIT APPROVAL NO.	PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER	
MAIL		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE		
INVOICE TO :		370 17TH ST, STE 1700 US BANK TOWER		DENVER		Colorado		80202		
DATE WORK COMPLETED	MO.	DAY	YEAR	BHI REPRESENTATIVE	WELL API NO:	WELL TYPE :	WELL CLASS :			
03	19	2012	CHRISTOPHER M MCKEON	05123320090000	New Well	Gas				
DISTRICT		BJS, BRIGHTON		JOB DEPTH (ft)		WELL DEPTH (ft)				
WELL NAME AND NUMBER		ELMQUIST #4-2-23		4,600		4,600				
WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH		STATE				
		Sec 23 - 2N - 68W		Weld		Colorado				
PRODUCT CODE	DESCRIPTION		UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
F061A	Cement Pumping, 4001 - 5000 ft		hrs	1	7,050.000	7,050.00	50%	3,525.00		
F090	Fuel per pump charge - cement		pump/hr	8	57.500	460.00	0%	460.00		
J225	Data Acquisition, Cement, Standard		job	1	1,540.000	1,540.00	50%	770.00		
J390	Mileage, Heavy Vehicle		miles	36	8.550	307.80	50%	153.90		
J391	Mileage, Auto, Pick-Up or Treating Van		miles	36	4.830	173.88	50%	86.94		
		SUB-TOTAL FOR Equipment				9,531.68	47.59%	4,995.84		
J401	Bulk Delivery, Dry Products		ton-mi	238	2.850	678.30	50%	339.15		
		SUB-TOTAL FOR Freight/Delivery Charges				678.30	50%	339.15		
		FIELD ESTIMATE				22,495.84	48.64%	11,553.93		
ARRIVE LOCATION :		MO.	DAY	YEAR	TIME	SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.				
		03	19	2012	11:45					
CUSTOMER REP.		Tom Flynn				SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.				
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS		X <i>Tom Flynn</i>		CUSTOMER AUTHORIZED AGENT		X <i>Tom Flynn</i>		BHI APPROVED		

AFE # 08117805  
CODE : 8720.618

FIELD RECEIPT NO. 1001895863



CUSTOMER ENCANA OIL & GAS (USA) INC - X CREDIT APPROVAL NO. PURCHASE ORDER NO. CUSTOMER NUMBER INVOICE NUMBER  
 20023075 - 00201580

MAIL STREET OR BOX NUMBER CITY STATE ZIP CODE  
 370 17TH ST, STE 1700 US BANK TOWER DENVER Colorado 80202

INVOICE TO : DATE WORK MO. DAY YEAR BHI REPRESENTATIVE WELL API NO. WELL TYPE :  
 03 19 2012 CHRISTOPHER MCKEON 05123320090000 New Well

COMPLETED MO. DAY YEAR BHI REPRESENTATIVE JOB DEPTH (ft) WELL CLASS :  
 03 19 2012 CHRISTOPHER MCKEON 4,600 Gas

DISTRICT BJS, BRIGHTON TD WELL DEPTH (ft) GAS USED ON JOB :  
 4,600 No Gas

WELL NAME AND NUMBER ELMQUIST #4-2-23 JOB TYPE CODE :  
 No Gas Squeeze-Top

WELL LOCATION : LEGAL DESCRIPTION COUNTY/PARISH STATE  
 Sec 23 - 2N - 68W Weld Colorado

PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100021	Class G Cement	sacks	✓125	27.000	3,375.00	50%	1,687.50
100120	Bentonite	lbs	✓783	0.470	368.01	50%	184.01
398224	Premium Lite Cement	sacks	✓150	21.850	3,277.50	50%	1,638.75
488013	CD-32	lbs	26 21 ✓	11.900	321.30	50%	160.65
488015	FL-52	lbs	✓92	24.100	2,217.20	50%	1,108.60
488019	FP-6L	gals	✓2	93.500	187.00	50%	93.50
488353	CSE-2	lbs	✓450	1.510	679.50	50%	339.75
499705	ASA-301	lbs	26 21 ✓	18.150	490.05	50%	245.03
SUB-TOTAL FOR Product Material					10,915.56	50.00%	5,457.79
A152	Personnel Surcharge - Cement Svc	ea	1	152.000	152.00	0%	152.00
M100	Bulk Materials Blending Charge	cu ft	310	3.930	1,218.30	50%	609.15
SUB-TOTAL FOR Service Charges					1,370.30	44.45%	761.15

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 03 19 2012 11:45

CUSTOMER REP. Tom Flynn  
 SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS  
 CUSTOMER AUTHORIZED AGENT  
 BHI APPROVED X